

CLEMSON UNIVERSITY

IRM BEEF PRODUCTION SYSTEMS

Edisto Research & Education Center

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

2007 Angus 1st-Calf Heifer Development Management Plan

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September 1 - November 15

1. Feed Program
 - A. Graze coastal-crabgrass-bahiagrass and Tifton-85 coastal pasture
 - B. Summer mineral
5. October 1
 - A. **Herd Health Program - cows**
 - 1) Deworm and treat for flies - ivermectin pour-on

November 16 - December 31

1. Feed Program
 - A. Graze coastal-crabgrass-bahiagrass and Tifton-85 coastal pasture
 - B. Free-choice coastal hay
 - C. Winter high Mg mineral

January 1 - April 3

1. Feed Program
 - A. **Dry, pregnant cows**
 - 1) Free-choice coastal hay
 - B. **Cows with calves - moved prepared land ryegrass winter grazing 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
 - C. Winter high Mg mineral
2. January 13 - March 10
 - A. **56-day calving season**
 - 1) **Calves at birth**
 - A) Weigh
 - B) Tattoo
 - C) Ear tag

- D) Castrate bull calves - band
- E) Dip navel in iodine
- 3. **March 27**
 - A. **Herd Health Program – cows, herd bulls**
 - 1) **Vaccination**
 - A) Vibriosis + 5-way Leptospirosis
 - 2) Deworm and treat for flies - ivermectin pour-on
 - B. **Select Synch Estrus Synchronization Program**
 - 1) GnRH injection - *cows calving before February 6*
- 4. **April 3**
 - A. **Select Synch Estrus Synchronization Program**
 - 1) Lutylase - *cows receiving GnRH on March 27*
 - 2) Estrustect heat detection patches - *all cows*

April 4 - May 31

- 1. **Feed Program**
 - A. Graze prepared land ryegrass winter grazing and Tifton-85 coastal pasture
 - B. Summer mineral
- 2. **56-Day Breeding Season**
 - A. **April 5 thru April 25 - 21 days - Artificial Insemination**
 - B. **April 26 to May 31 -35 days - Natural breeding season**
- 4. **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) Ralgro implant steer calves
 - C) Deworm and treat for flies - ivermectin pour-on
 - 1) **Cows, Herd Bulls**
 - A) **Fly Control – cows and calves - Saber pour-on**

June 1 - August 31

- 1. **Feed Program**
 - A. Graze hybrid pearl millet pasture
 - B. Summer mineral
- 2. **July 1**
 - A. **Fly Control – cows and calves - ivermectin pour-on**
 - B. Ultrasound pregnancy check
- 3. **August 21**
 - A. **Cows**
 - 1) Weigh
 - 2) Body Condition Score
 - B. **Calves**
 - 1) Weigh

- 2) Wean calves
- 3) Begin Preconditioning Program
- C. **Fly Control – cows and calves** - Saber pour-on
- D. Ship cull cows and cull calves

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