

Clemson University

IRM BEEF PRODUCTION SYSTEMS

EDISTO RESEARCH & EDUCATION CENTER

2002 Angus Replacement Heifer Development

Management Plan - Yearling Heifers

Dr. Larry W. Olson - Associate Professor & Extension Animal Scientist

Rebecca H. Williams - IRM Beef Production Systems Technician

September 4, 2001 - October 16, 2001

1. **42-Day Preconditioning Feed Program**
 - A. September 3 - September 24 (21 days)
 - 1) Commercial medicated, pelleted preconditioning ration
- 2% of body weight - 12.0 lbs/hd/day
 - 2) Coastal bermudagrass hay - *limited to 5 lbs/hd/day for 1st 5 days*
 - 2) Free-choice coastal bermudagrass hay - *starting on day 6*
 - B. September 25, 2001 - October 15, 2001 (21 days)
 - 1) Cottonseed Meal - 2.0 lbs/hd/day
 - 2) Corn - 11.0 lbs/hd/day
 - 3) Free-choice coastal bermudagrass hay
3. **September 3**
 - A. Wean replacement heifers
 - B. Weigh replacement heifers
 - C. Begin 42-day Preconditioning Program
4. **September 4**
 - A. **Herd Health Program**
 - 1) **Vaccinations**
 - A) IBR, PI₃, BVD, BRSV - ***Modified Live***
 - B) 5-way Leptospirosis
 - C) 7-way Blackleg (Clostridials)
 - D) Pasteurella haemolytica
 - E) Calfhood Brucellosis - ***by vet***
 - 2) Deworm
 - 3) Treat for flies, grubs and lice
5. **October 15**
 - A. Weigh - 42 days postweaning

October 16, 2001 - May 31, 2002

1. **Feed Program**
 - A. October 16 - March 31

- 1) Winter grazing available
 - A) Cottonseed - 3.0 lbs/hd/day
- 2) Winter grazing NOT available
 - A) Cottonseed - 3.0 lbs/hd/day
 - B) Corn - 7.0 lbs/hd/day
 - C) Free-choice coastal bermudagrass hay
- A. April 1 - May 31
 - 1) Ryegrass grazing available
 - 2) Ryegrass grazing NOT available
 - A) Cottonseed - 3.0 lbs/hd/day
 - B) Corn - 2.0 lbs/hd/day
 - C) Free-choice coastal bermudagrass hay
- 2. **January 25 - 66 days prebreeding**
 - A. Weigh - *for yearling weights and heights*
 - B. **Herd Health Program**
 - 1) **Vaccinations**
 - A) IBR, PI₃, BVD, BRSV - *Modified Live*
 - B) 5-way Leptospirosis
 - C) Vibriosis
 - 2) Deworm and treat for lice
- 2. **February 25 - 35 days prebreeding**
 - A. **Herd Health Program**
 - 1) **Booster Vaccinations**
 - A) 5-way Leptospirosis
 - B) Vibriosis
- 3. **61-Day Breeding Season**
 - A. **April 1 - April 30** - 30 days - *Artificial Insemination*
 - B. **May 1 - May 31** - 31 days - *Natural breeding season*
- 4. **March 25**
 - A. **Estrus Synchronization Program**
 - 1) Cystorelin injection
- 5. **April 1**
 - A. Weigh - *minimum target prebreeding weight of 800 lbs.*
 - B. **Estrus Synchronization Program**
 - 1) Lutylase injection
 - 2) Put on tail paint for heat detection
- 6. **May 15**
 - A. Saber pour-on insecticide for fly control

June 1, 2002 - September 3, 2002

- 1. **Feed Program**
 - A. Graze coastal-crabgrass-bahia grass pastures
- 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. Weigh
 - B. Body Condition Score
 - A. Pregnancy Test
 - D. Cull and sell all open heifers - *ASAP*
 - E. **Keep Pregnant Heifers**

For Additional Information Contact:

Dr. Larry W. Olson
Extension Animal Scientist
Edisto Research & Education Center
64 Research Rd.
Blackville, SC 29817

E-mail: LOLSON@clemson.edu
Phone: (803) 284-3343
Fax: (803) 284-3684