

BEEF TIPS



February 1999

Department of Animal Sciences and Industry

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Upcoming Events

March 5

KSU Cattlemen's Day
Manhattan, KS
see inside for more
details!

March 10-13

Kansas Beef Expo
Hutchinson, KS

PAISLEY NAMED SOUTH CENTRAL AREA LIVESTOCK PRODUCTION SPECIALIST



Steve Paisley hears opportunity knocking on the proverbial doors of Kansas beef cattle producers; he wants to help them answer the call.

Paisley is the newly-hired livestock production specialist for Kansas State University's south central area Research and Extension office in Hutchinson. He'll serve as a link between producers, county agents, and K-State Research and Extension in Manhattan.

"I'm excited about the position," Paisley said. "Kansas, in particular, has many opportunities in the beef cattle industry."

As a doctoral candidate at Oklahoma State University, Paisley helped conduct research on

wheat pasture grazing. The study developed supplementation programs for grazing winter wheat.

"I'm interested in how stocker management affects subsequent feedlot performance and retail products," Paisley said.

Paisley earned undergraduate and graduate degrees from the University of Wyoming. He was raised in Oshkosh, Neb., where the family raises beef cattle, corn and alfalfa.

"I look at this position as a challenge, but also as an opportunity to help producers improve efficiencies in beef production," Paisley said.

Paisley can be reached at the south central area Research and Extension office, located at 1600 North Lorraine in Hutchinson, or by calling 785-663-5491.

We will introduce you to the northwest area specialist in the April issue of Beef Tips.

Forage Facts Notebook Available May 1!



The Forage Facts Notebook contains sections on Grasses and Legumes, Management of Forages, and Forage Diseases. Plus, supplemental publications with more in-depth information on the above topics.

An author contact is listed on each factsheet for further information.

For pricing information and to order The Forage Facts Notebook, S-115, contact:
Department of Communications
Production Services
785-532-5830
orderpub@oz.oznet.ksu.edu

Plan to
Attend!

MARCH 5, 1999

Brandeberry Sports Complex

Southwest of KSU Stadium • Manhattan, Kansas

MORNING PROGRAM

KSU Brandeberry Sports Complex

8:00 REGISTRATION

- Browse the commercial trade show and educational exhibits.

10:00 WELCOME

Jack Riley, Head, Department of Animal Sciences & Industry

- *Research Update*—Steve Paisley, South Central Area Livestock Specialist, moderator.

Reproductive Management—David Grieger, Reproductive Molecular Biologist, Department of Animal Sciences & Industry

Beef Quality and Beef Safety—Curtis Kastner, Meat Scientist, Department of Animal Sciences & Industry

Nutrition and Management—Lance Huck, Southwest Area Livestock Specialist, Department of Animal Sciences & Industry

- *Keynote Speakers*

Andy Revella, President and CEO, Lifestyle Ventures, LLC.

Chuck Schroeder, CEO, National Cattlemen's Beef Association.

12:30 ROAST BEEF LUNCHEON

View Commercial and Educational Exhibits

AFTERNOON PROGRAMS

1:30 FOCUS SESSIONS

Weber Hall

- *Industry Expectations and Graduate Aspirations*—Melvin Hunt, Meat Scientist, and Scott Schaake, KSU Livestock Judging Team Coach, Department of Animal Sciences & Industry.

- *Beef Cow Synchronization Strategies*—Jeff Stevenson, Reproductive Physiologist, and Sandy Johnson, Northwest Area Livestock Specialist, Department of Animal Sciences & Industry.

- *Beef Cutout Demonstration*—John Unruh, Meats Specialist, Department of Animal Sciences & Industry.

- *Beef Feedlot Design*—Pat Murphy, Extension State Leader, and Joe Harner, Agricultural Engineer, Department of Biological and Agricultural Engineering.

- *Personnel Management for Cattle Producers*—Bruce Prince, Head and Professor, Department of Management.

- *Safety of Beef and Beef Products*—Liz Boyle, Meats Scientist, Department of Animal Sciences & Industry.

- *Selecting and Managing Yearling Bulls*—Twig Marston, Extension Specialist, Cow-Calf Management, Department of Animal Sciences & Industry.

- *Lease Hunting Programs*—Charlie Lee, Extension Specialist, Wildlife, Department of Animal Sciences & Industry.

- *Internet Sites for Beef Producers*—Ben Brent, Animal Nutritionist, Department of Animal Sciences & Industry.

- *Samples for the Sensible Palate*—Food Product Vendors.

1:30 DEMONSTRATIONS

Beef Cattle Research Center

3115 College Avenue

- *Applications for Infrared Thermography*—Mark Spire, K-State Food Animal Health and Management Center.

- *Fly Control Strategies for Pastures and Feedlots*—Don Mock, Medical and Veterinary Entomologist, and Al Broce, Livestock Entomologist, Department of Entomology.

- *Injection Site Lesions*—*The Good, Bad and Ugly*.

- *Silage Top Spoilage*—Mary Kay Siefers, Graduate Assistant, Department of Animal Sciences & Industry.

- *Ongoing Research*—K-State Beef Cattle Research Center.

4:30 SPECIAL "K" BULL AND HEIFER SALE

Weber Arena

70 Performance Yearling Angus, Hereford and Simmental Bulls, and Choice of 6 Pairs of Heifers

IT'S TIME TO THINK ABOUT . . . FOR SPRING CALVING COW/CALF PRODUCERS

February and March are heavy calving months. Management decisions during this period will have dramatic effects on the operation's productivity. Keep accurate records to improve management skills.

Provide Cattle Management

- Monitor Body Condition Score—mature cows 5 or greater (moderate), first-calf heifers 6 or greater (slightly fleshier than the cows).
- Separate pairs from gestating cows—this will provide a cleaner environment for the calves and optimize feeding programs.
- Feed pregnant females late in the day to stimulate more daytime calving (Konefal method).
- Monitor calving cows on a regular basis.
- Record birth weights and calving ease scores.
- Control lice.
- Monitor calf scours and treat immediately.
- Reduce the impact of cold stress by providing shelter and wind protection.
- Continue supplement programs and increase the level to take care of higher requirements of lactating cows.
- Plan your spring fertilizer needs and grazing management programs.

Prepare for Calving Season

Assemble supplies and equipment

- Warm water supply
- Plastic sleeves
- Obstetrical lube
- Halter, cow restraint mechanisms
- Obstetrical Chains
- Fetal extractor
- Ear tags and applicator
- Tatoo set and ink
- Frozen colostrum
- Calf feeding bottle/ esophageal feeder
- Iodine to treat navels
- Birthweight scales

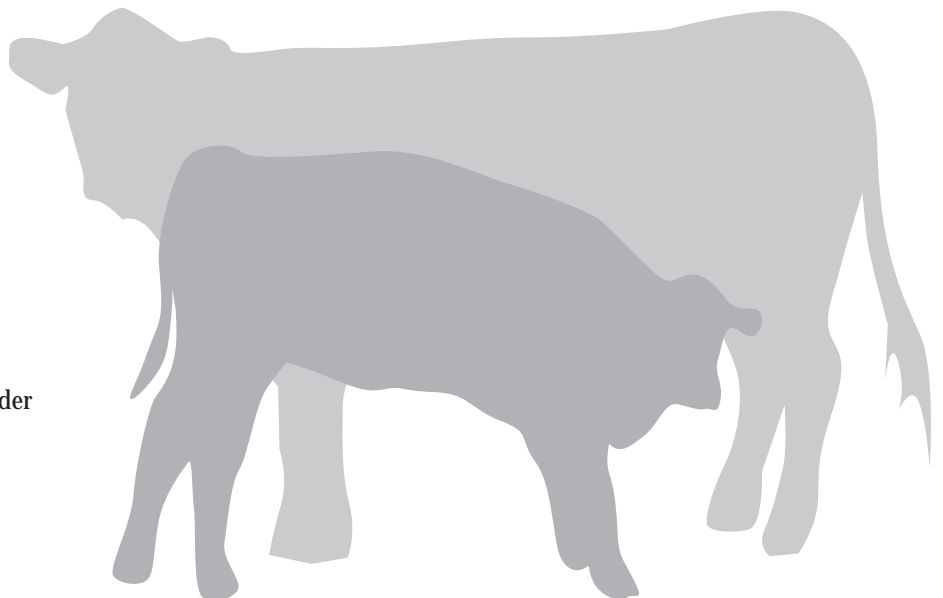
Provide Calving Facilities

- Sheltered area for pulling calves
- Clean bedding
- Comfortable maternity pens
- Sufficient lighting
- Facilities for warming chilled calves
- Electrolytes for dehydrated calves

Prepare for the Next Breeding Season

- Body condition bulls, and feed adequately to optimize body condition for the breeding season
- If purchasing bulls or semen, use all available information (visual appraisal, EPDs, breeder reputation) to make purchasing decisions.
- Body condition of cows at calving time determines the length of the anestrous postpartum period. Thin cows take longer to return to estrous.
- Make final replacement heifer selection.
- Consult your veterinarian for preventive herd health programs.

*By Twig Marston
Extension Specialist
Cow/Calf Management*



Kansas Feedlot Performance and Feed Cost Summary*

Gerry Kuhl, Extension Feedlot Specialist, Kansas State University

December 1998 Closeout Information**

| Sex/No. | Final Weight | Avg. Days on Feed | Avg. Daily Gain | Feed/Gain (Dry Basis) | % Death Loss | Avg. Cost of Gain/Cwt. | Projected Cost of Sept.-Placed Cattle |
|-----------------|--------------|-------------------|---------------------|-----------------------|--------------|--------------------------|---------------------------------------|
| Steers: 20,286 | 1,259 | 132 (120-139) | 3.46 (3.17-3.70) | 6.12 (5.96-6.38) | .74 | \$47.41 (44.36-50.64) | \$46.29 (45.00-48.25) |
| Heifers: 16,477 | 1,129 | 136 (121-164) | 3.16 (2.84-3.29) | 6.24 (5.98-6.58) | .77 | \$48.87 (45.32-50.88) | \$48.46 (46.00-51.25) |

| Current Feed Inventory Costs: January 15 Avg. Prices | Range | No. Yards |
|--|-------------|-----------|
| Corn | \$ 2.20/bu | 7 |
| Ground Alfalfa Hay | \$70.57/ton | 7 |

*Appreciation is expressed to these Kansas Feed-yards: Brookover Feed Yard, Brookover Ranch Feed Yards, Decatur County Feed Yard, Fairleigh Feed Yards, Kearny County Feeders, Pawnee Valley Feeders, and Supreme Cattle Feeders.

**Closeout figures are the means of individual feedyard monthly averages and include feed, yardage, processing, medication, death loss and usually sold FOB the feedlot with a 4% pencil shrink. Interest charges are not normally included.

BEEF TIPS



K-State, County Extension Councils, Extension Dis-tricts, and U.S. Department of Agriculture Cooperating.

All educational programs and materials available without discrimination on the basis of race, color, religion, national origin, sex, age, or disability.

Cooperative Extension Service
 K-State Research & Extension
 244 Weber Hall
 Manhattan, KS 66506

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