

BEEF TIPS



January 1997

K-State Research and Extension

Timely Management Tips

by Larry Corah

From all of us in the Animal Science Department and Kansas State University, we hope that your Holiday Season is truly a splendid one and that 1997 will be especially kind.

—The Animal Sciences Department Extension/Research/Teaching Staff

December/early January is an excellent time to:

Watch weather and adjust the feeding of the cow herd according to magnitude of cold weather. Remember that for each 1 degree below the critical temperature, which is typically 30 degrees for cows in Kansas, there is a 1 percent increase in the cows energy requirements. Thus, if the weather is 10 degrees (use windchill temperatures), that is a 20 percent increase in the cow's energy requirement. That equates into 1.7 Mcals of Nem, or approximately 2 pounds of TDN. That requires an extra 4 pounds of hay, or approximately 2.5 pounds of grain to simply maintain the weight of the cow during that period.

Evaluate the body condition of spring-calving cows. This is a great time to assess the overall condition of the cows and determine what the plain of nutrition needs to be between now and calving. Never, never underestimate the

economic importance of proper nutrition the last 30 to 50 days before calving and its impact on calf survivability, calf growth and the subsequent cow reproductive performance.

Lice management. If you haven't already done so, cold weather rapidly brings on lice infestations which, if not controlled, will cause weight loss in the cow herd.

Pregnancy examine. If you haven't already done so, it's extremely important to determine which cows are pregnant so you are not maintaining free-loading, non-productive cows in the herd.

End-of-the-year record keeping. As you close the financial records for the year, it's a great time to give thought to the quality of the record keeping system you are using with the cow herd, and whether they could be improved. Some excellent programs exist at Kansas State University such as the JRM record keeping book and SPA analysis. For more information on these, contact your local county extension office or the Ag Economics or Animal Science Department.

Please fill out the following form if you would like to continue to receive Beef Tips
We are updating our mailing list and need the following information from you if you want to remain on the list:

Yes! I would like to continue to receive the Beef Tips Newsletter.

Name _____

Street Address _____

City, State, ZIP _____

Thank you for taking the time to fill out this form. Please send to:

Department of Animal Sciences and Industry
213 Weber Hall, Attn: Monika Walburger
Manhattan, KS 66506

4-State Beef Conference

Conference Locations

January 15, 1997

10:00 a.m.

Corning Community Center, 601 6th Street, Corning, Iowa

4:00 p.m.

Holiday Inn, I-229 Exit 6A, St. Joseph, Missouri

January 16, 1997

10:00 a.m.

Catholic Parish Center, 730 Court Street, Clay Center, Kansas

4:00 p.m.

Baptist Church Activities Bldg., 3rd and Jackson, Tecumseh, Nebraska

About the Conference

The 4-State Beef Conferences are designed to give beef cattle interests in Iowa, Kansas, Missouri and Nebraska a regular update on current cow-calf and stocker topics. The Conferences provide a forum of specialists from four of the USA's leading beef cattle land-grant universities. The 1997 Conferences will reflect a year of agricultural change as speakers focus on the following:

- Future prices
- Managing Risks
- Pricing Formulas
- Cow of the Future

We request producers call their local county Extension office by Friday, January 10, 1997, to make a reservation. To keep registration fees affordable in the future, please help us by calling in your reservation. Registration fee is \$20 per person. Fee includes meal and proceedings.

Contacts

- Iowa Darrell Busby
ISU Extension Specialist
Box 187, Oakland, IA
(712-482-6449)
- Kansas Danny Simms
KSU Extension Livestock Specialist
241 Weber Hall, KSU, Manhattan, KS
(913-532-1254)
- Missouri Jerry Thompson
UM Livestock Specialist
Box 32, Savannah, MO
(816-324-3147)
- Nebraska Rick Rasby
UNL Extension Beef Specialist
Animal Science Dept., Lincoln, NE
(402-472-6477)

Conference Schedule

Morning Session—9:30

January 15, Corning, Iowa

January 16, Clay Center, Kansas

9:30 a.m.

Registration

10:00 a.m.

Prices: What Now?

What's driving the market today and what the future looks like

Randy Blach, Cattle Fax, Denver, CO (sponsored by Mallinckrodt Veterinary, Inc.)

Break

Managing Risks

The financial benefit and how to manage the risk of retained ownership

John Lawrence, Livestock Economist, Iowa State University

Lunch (at location)

1:00 p.m.

Price Formulas

Matching your cattle to pricing formulas

Danny Simms, Extension Livestock Specialist, Kansas State University

The Cow of the Future

What will she look like, how will she perform, how to get there with EPDs

Jim Gosey, Extension Beef Specialist, University of Nebraska-Lincoln

What's New

Research highlights (included in the proceedings)

Afternoon Session—3:30

January 15, St. Joseph, Missouri

January 16, Tecumseh, Nebraska

3:30 p.m.

Registration

4:00 p.m.

Prices: What Now?

What's driving the market today and what the future looks like

Randy Blach, Cattle Fax, Denver, CO (sponsored by Mallinckrodt Veterinary, Inc.)

Break

Managing Risks

The financial benefit and how to manage the risk of retained ownership

John Lawrence, Livestock Economist, Iowa State University

Dinner (at location)

7:00 p.m.

Price Formulas

Matching your cattle to pricing formulas

Danny Simms, Extension Livestock Specialist, Kansas State University

The Cow of the Future

What will she look like, how will she perform, how to get there with EPDs

Jim Gosey, Extension Beef Specialist, University of Nebraska-Lincoln

What's New

Research highlights (included in the proceedings)

1997 Cow-Calf Conference

Why Should I Attend?

Cow-calf producers intent on surviving and prospering well into the 21st century must continually challenge conventional management strategies and carefully evaluate all marketing options which exist in all aspects of their operation. The producer's challenge is determining where cost control measures can be implemented without negatively affecting overall herd productivity.

To combat the negative effects of today's current market climate on gross returns, conference attendees will be exposed to several

management and marketing strategies that can immediately be put to use for improving cowherd efficiency and bottom line returns.

Special Features

A trade show will be present for those attending the Cow-Calf Conference. Many commercial companies, as well as University consultants, will participate in the trade show. Proceedings of the conference program will be given to each conference attendee as take-home material.

Program

Wednesday, January 22, 1997
Hutchinson, Kansas

Thursday, January 23, 1997
El Dorado, Kansas

1:00 ■ **Registration and Trade Show**

2:00 ■ **Welcoming Remarks**

Duane Liddeke, Extension Agent,
Agriculture, Reno County
David Kehler, Extension Agent,
Agriculture, Butler County

2:05 ■ **Sire Selection for the Future: What is Going to Count?**

Ronnie Green, Department of Animal
Sciences, Colorado State University,
Fort Collins

2:45 ■ **Effective Pasture Renovation Practices That Work**

Gary Kilgore, Department of Agronomy,
Kansas State University, Southeast Area

3:30 ■ **Break and Trade Show**

4:00 ■ **Calving and Weaning Health Practices: What's the Bottom Line**

Jerry Stokka, Department of Animal
Sciences and Industry, Kansas State
University, Manhattan

4:45 ■ **Marketing Your Calf Crop: What are the Alternatives?**

James Sartwelle, Department of Agricultural
Economics, Kansas State University,
Southwest Area

5:30 ■ **Steak Dinner and Trade Show**

7:00 ■ **High Plains Agriculture: Is There a Future?**

Barry Flinchbaugh, Department of
Agricultural Economics, Kansas State
University, Manhattan

Registration

1997 Cow-Calf Conference VII
Kansas State University

Preregistration—\$15 per participant
Registration at door—\$20 per participant
Preregistration deadline January 17, 1997

Name(s) _____

Address _____

City _____

State _____ Zip _____

County _____

Telephone# _____

Total Number Registrants _____ @ \$15 each.

Total Amount Enclosed _____

Your check, **payable to LMIC**, must accompany your preregistration or you will not be considered registered!

Send your registration and remittance to:

Duane Liddeke

Reno County Extension Office

2 W. 10th

South Hutchinson, KS 67505-1331

Phone: 316-662-2371

OR **David Kehler**

Butler County Extension Office

206 N. Griffith, Suite A

El Dorado, KS 67042-2039

Phone: 316-321-9660

Conference Locations

This conference will be held in Hutchinson and El Dorado, Kansas.

January 22, 1997

Ramada Inn
1400 N. Lorraine
Hutchinson
(316-669-9311)

January 23, 1997

Butler County
Community Bldg.
206 N. Griffith
El Dorado
(316-321-9660)

Kansas Feedlot Performance and Feed Cost Summary*

Gerry Kuhl, Extension Feedlot Specialist, Kansas State University

October 1996 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 Nov.-Placed Cattle
Steers: 11,130	1,257	126 (111-139)	3.71 (3.54-3.88)	5.97 (5.62-6.36)	.45	\$70.06 (65.36-76.90)	\$56.25 (53.00-62.00)
Heifers: 12,187	1,125	134 (120-152)	3.29 (3.06-3.63)	6.11 (5.70-6.63)	.60	\$72.41 (67.10-80.74)	\$58.33 (55.00-65.00)

Current Feed Inventory Costs: November 15 Avg. Prices	Range	No. Yards
Corn	\$ 2.92/bu	6
Milo	\$ 4.28/cwt	2
Ground Alfalfa Hay	\$97.30/ton	6

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



KSU, County Extension Councils and U.S. Department of Agriculture Cooperating.
 All educational programs and materials available without discrimination on the basis of color, race, national origin, sex, age, or disability.

Larry Corah
Larry Corah

Extension Beef Specialist
 Kansas State University

Dale Blasi
Dale Blasi

Extension Specialist
 Livestock Production, SC