

Spreadsheet (and online) tools to help answer livestock producers' economic-related questions

Livestock Production Focus Team – Annual Conference Training Session
October 21, 2009. Big 12 Room, Kansas State University



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Tools we will talk about/show...

- **K-State Feeder Cattle Price Analyzer.xls**
<http://www.agmanager.info/livestock/budgets/production/default.asp>
www.agmanager.info/livestock/marketing/bulletins_2/marketing/default.asp
- **BeefBasis.com**
<http://www.beefbasis.com>
- **CattleBuySell.swf** (web dashboard – also available as Excel)
<http://www.agmanager.info/livestock/budgets/production/default.asp>
- **Cattle_Seasonals_Cash.xls**
<http://www.agmanager.info/livestock/marketing/database/default.asp>
- **PastureRents.swf** (web dashboard – also available as Excel)
<http://www.agmanager.info/livestock/budgets/production/default.asp>

Other livestock-related tools on agmanager.info...

<http://www.agmanager.info/livestock/budgets/production/default.asp>

- **RFID costs.xls**
- **KSU-Angus Bull Prices.xls**
- **Price slides.xls**
- **CowLease.xls**
- **SilageStorage\$.xls**
- **SEW formula(May2008).xls**

Other livestock-related tools on agmanager.info...

<http://www.agmanager.info/livestock/budgets/projected/default.asp>

- **KSU-Beef.xls – Farm Management Guide budgets**

<http://www.agmanager.info/livestock/marketing/database/default.asp>

- **Numerous Excel spreadsheet databases with historical livestock (cattle and beef, hogs and pork, and meat and livestock trade) data**

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http://www.agmanager.info/

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Providing Information and Tools
Competitive Business

Main sections of website

Management, Analysis & Strategic Thinking
2009-2010 Class Enrolling Now
Distance Education for Progressive Producers

Mast Q&A Video: Check it out!

VIEW 2009 AG LENDERS CONFERENCE PROCEEDINGS

REGISTRATION NOW OPEN!
2009 Kansas Income Tax Institute

REGISTRATION NOW OPEN!
2009 Insurance Workshop November 12

2009-2010 K-State Ag Profitability Conference

Recent Updates

Direct links

Grain Outlook Radio Program
October 16, 2009 by Mike Woolverton

Trends in U.S. Energy Use and Supplies - How Biofuels Contribute
October 16, 2009 by Dan O'Brien & Mike Woolverton

Crop Basis Maps
October 15, 2009 by Kevin Dhuyvetter

Updated Crop Basis Tool
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October 8, 2009 by Daniel O'Brien

Seasonal Grain and Cattle Price Spreadsheets (Excel)
September 30, 2009 by Kevin Dhuyvetter

Futures-Based Price Forecasts for Diesel Fuel
September 30, 2009 by Kevin Dhuyvetter

Purposeful Use of Technology Among Young Kansans: A Descriptive Analysis
September 30, 2009 by Vincent Amanor-Boadu, Carly Whorton & Traci Rothlisberger

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Livestock & Meat Marketing

"Benefit Cost Analysis of the National Animal Identification System"
Other NAIS Links:
<http://www.aphis.usda.gov/>
<http://animalid.aphis.usda.gov/naais/naislibrary/plans.shtml>
<http://animalid.aphis.usda.gov/naais/naislibrary/factsheets.shtml>

Beef Demand (Beef Demand Determinants Report posted 6.15.09)

Market Outlook (updated weekly)

BeefBasis.com Feeder Cattle Basis Forecasting Tool

Cattle Feeding Return Risk Analyzer (NAIBER)

Livestock and Hay Charts (updated 10.16.09)

Marketing & Management Extension Bulletins (Beef Demand Determinants posted 2.03.09)

Livestock Databases (updated 7.8.09)

LRP Information (K-State Option Strategies Tool added 6.3.08)

Barchart.com

CME Futures			
Oct 09 L. Cattle	94.250	+0.150	0.184
Dec 09 L. Cattle	85.800	0.000	0.004
Feb 10 L. Cattle	86.400	0.000	0.004
Apr 10 L. Cattle	88.650	+0.225	0.254
Jun 10 L. Cattle	85.700	+0.175	0.204
Aug 10 L. Cattle	85.950p	+0.100	0.004
Oct 09 Hogs	51.100p	+0.650	0.004
Dec 09 Hogs	54.000	-0.100	-0.184
Feb 10 Hogs	60.750	-0.050	-0.084
Apr 10 Hogs	65.500	+0.075	0.114
Jun 10 Hogs	73.625	-0.400	-0.544
Jul 10 Hogs	72.700	-0.550	-0.754
Aug 10 Hogs	72.500	-0.300	-0.414
Oct 09 F. Cattle	94.850	+0.300	0.324
Nov 09 F. Cattle	95.350	+0.225	0.244
Jan 10 F. Cattle	96.300	+0.350	0.364
Mar 10 F. Cattle	97.000	-0.050	-0.054
Apr 10 F. Cattle	97.950p	+0.475	0.004
May 10 F. Cattle	98.900p	+0.350	0.004
Aug 10 F. Cattle	99.800p	+0.600	0.004
Sept 10 F. Cattle	98.975s	0.000	0.004
CBOT Futures			
Dec 09 Corn	372-0p	-1-0	0.004
May 10 Corn	392-4p	-1-0	0.004
Dec 10 Corn	412-4p	-1-0	0.004
Nov 09 Soy	977-4p	-5-4	0.004
May 10 Soy	982-2p	-4-4	0.004
Nov 10 Soy	974-0p	-4-4	0.004
May 10 Wheat	530-0p	-6-4	0.004
Jul 10 Wheat	540-2p	-7-2	0.004
Sep 10 Wheat	555-0p	-6-4	0.004
KCBT Futures			
May 10 Wheat	537-0p	-7-6	0.004

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Livestock & Meat Marketing (continued)

Marketing & Management Extension Bulletins (Beef Demand Determinants posted 2.03.09)

Livestock Databases (updated 7.8.09)

LRP Information (K-State Option Strategies Tool added 6.3.08)

Livestock Management

USDA Market News

Futures Market Prices

LRP Feeder Cattle Insurance Inf (Barnaby)

Link to RMA's LRP Premium Calculator

Budgets, Production Economics & IRM

- Beef Cattle, Dairy, Swine, Sheep, Turkeys
- Budget Supplements
- Integrated Resource Management

Policy

Dec 09 Corn	372-0p	-1-0	0.004
May 10 Corn	392-4p	-1-0	0.004
Dec 10 Corn	412-4p	-1-0	0.004
Nov 09 Soy	977-4p	-5-4	0.004
May 10 Soy	982-2p	-4-4	0.004
Nov 10 Soy	974-0p	-4-4	0.004
May 10 Wheat	530-0p	-6-4	0.004
Jul 10 Wheat	540-2p	-7-2	0.004
Sep 10 Wheat	555-0p	-6-4	0.004
KCBT Futures			
May 10 Wheat	537-0p	-7-6	K
Jul 10 Wheat	548-4p	-8-2	0.004
Sep 10 Wheat	560-2p	0-2	K
Stock Market			
Russell 2000	614.64	-1.54	-0.25%
NYSE Composite	7146.21	+12.25	0.17%

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K-State Feeder Cattle Price Analyzer(10-08-09)--MO meeting.xls [Compatibility Mode] - Microsoft Excel

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K-State Feeder Cattle Price Analyzer

A spreadsheet program to give producers the information and analytics they need to improve management and marketing decisions.

Version -- 10/08/2009 for MS Excel 2003 and 2007

INSTRUCTIONS FOR THE USER:

When you are finished reading the instructions, click on the Main Menu button at the bottom of this screen. The Main Menu contains buttons that will allow you to navigate throughout the tool. Also, several of the cells have a drop-down list. By moving your mouse cursor over these cells, a list of the available options for that cell will be displayed. For correct functionality, be sure to use the command buttons for navigation in this program.

* Expansion and refinement of our tools and content is ongoing. If you have any comments or suggestions or encounter any problems while using the site, please let us know. Thanks!

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Main Menu

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<http://www.agmanager.info/livestock/budgets/production/default.asp>

FYI: Instructions Main Menu A.1. Genetic A.2. Management A.3. Marketing B. Analyzer-Price C. Analyl

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Welcome to BeefBasis

BeefBasis.Com - Decision Support for America's Beef Producers

The Cattle Basis Risk Analysis Tools at BeefBasis.com give producers the information and analytics they need to improve marketing decisions influenced by cattle basis risk. This site is completely free of charge to producers.

Basis, defined simply as the difference between the local cash markets and futures contract prices, can be complex and can vary dramatically between weight classes and market locations from year to year. Understanding the risk related to basis uncertainty, or "basis risk," is essential to making effective use of price risk management tools such as Chicago Mercantile Exchange (CME) futures and options and forward contracts.

The BeefBasis website was developed by Custom Ag Solutions, Inc. (CAS) and Kansas State University (K-State) in partnership with the USDA's Risk Management Agency (RMA).

BeefBasis gives you relevant information and analytics you need to evaluate marketing decisions and manage your price risk.

BeefBasis News!

- Paper on BeefBasis presented at the 2008 annual meeting of the Western Agricultural Economics Association in Big Sky, MT on June 27, 2008. [Download](#)
- Mentioned in *Drivers*, July 2008 [Read](#)
- BeefBasis is featured in the December issue of *BEEF* magazine [Read](#)

Credits

Data for BeefBasis.com provided by USDA's Agricultural Marketing Service (AMS).



Events

We Want Your Feedback!

Expansion and refinement of our tools and content is ongoing. If you have any comments or suggestions or encounter any problems while using the site, please let us know using the feedback form on the Contact tab. Thanks!

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Introduction Buy Sell

Cattle Buy/Sell Breakeven Prices Calculator





A tool to calculate the maximum price that can be paid for calves or feeders given an expected selling price and cost of gain (Buy). Additionally, this program also calculates the breakeven selling price needed given a purchase price and an estimated cost of gain (Sell).

Under the "Buy" and "Sell" tabs, results are based on inputs selected. The tool automatically recalculates every time an additional input is entered. Thus, it is important to wait until all the inputs have been entered and reviewed before interpreting any of the calculated results.

(also available on www.agmanager.info as an Excel spreadsheet)

Developed by: Kevin C. Dhuyvetter kcd@ksu.edu or 785.532.3527
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Microsoft Excel - Cattle_Seasonals_Cash.xls

<http://www.agmanager.info/livestock/marketing/database/default.asp>

Cattle_Seasonals_Cash.xls --- a spreadsheet of historical cattle prices in Kansas that can be used to examine seasonal price patterns and value of gain for different weights of cattle.

Last updated: 9-30-09 Print information

Class of cattle -- Prices
 Kansas 5-6 cwt. steers

Class of cattle -- Value of gain
 7-8 vs 5-6 cwt. steers (3 mo lag)

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User-specified Value of gain

	Scenario					
	1	2	3	4	5	6
Starting month (Jan=1, Feb=2, etc)	10	10	11	4	5	5
Class (weight/sex) of Cattle - starting	550 lb str	550 lb str	450 lb str	550 lb str	550 lb str	550 lb str
Ending month (Oct=10, Nov=11, etc)	2	2	4	7	8	10
Class (weight/sex) of Cattle - Ending	750 lb str	850 lb str	650 lb str	750 lb str	750 lb str	850 lb str
Weight gain	200	300	200	200	200	300
Months / Average daily gain (ADG)*	4 / 1.64	4 / 2.47	5 / 1.32	3 / 2.19	3 / 2.19	5 / 1.97

* Months between starting and ending periods and calculated average daily gain (ADG) assuming 30.4 days per month.

Intro-Inputs / Prices / Value of gain / Value of gain--User specified / Notes

<http://www.agmanager.info/livestock/budgets/production/default.asp>

Determining Pasture Rents in the Flint Hills of Kansas

Inputs

Year: 2010
 Feeder Cattle Futures Prices (\$/cwt): \$98.00
 Corn Futures Prices (\$/bu): \$3.50

Year: rental year
 Feeder Cattle Futures Price: the average feeder cattle futures price during the pasture rental season (average of Apr and Oct contracts)
 Corn Futures Price: average corn futures price for the pasture rental season (average of May and Dec contracts)

Estimates of Cash Rental Rates

	Stocker Cattle				Cow-Calf Pairs	
	Full Season		Short Season		Spring Calves	Fall Calves
	<500 lbs	500-700	<500 lbs	500-700		
Rent, \$/head	\$67.12	\$71.49	\$57.26	\$61.77	\$127.02	\$129.30
Stocking rate, ac/hd	3.90	4.10	2.80	2.90	7.70	8.00
Rent, \$/acre	\$17.21	\$17.44	\$20.45	\$21.30	\$16.50	\$16.16

Formulas used in this tool are reported in Bluestem Pasture Rents Paper available through the link below.

Developed by: Kevin Dhuyvetter (kcd@ksu.edu), Cora Newsome, and Terry Kastens (tkastens@ksu.edu)
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AG MANAGER.INFO **RMA** Bluestem Pasture Rents Paper

(also available on www.agmanager.info as an Excel spreadsheet)

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September 28, 2009 by Dan O'Brien

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