



Sho-MO Dairy Heifer Growers Association

Newsletter

Fall 2010

Heifer Price Update

Check the Heifers web page (<http://agebb.missouri.edu/dairy/heifers/>) on the Missouri Dairymen's Resource Guide for the latest heifer prices in Missouri and around the country. Below is information on the latest monthly Missouri dairy sales.

Norwood, Missouri on September 9, 2010		Price per Head
Springer heifers bred (7 to 9 months) (Supreme and Approved)		\$825 to \$1,420
Crossbreds (Supreme and Approved)		\$820 to \$1,230
Heifers (4 to 6 months) (Supreme and Approved)		\$800 to \$1,140
Crossbreds (Supreme and Approved)		\$790 to \$1,020
Heifers bred (1 to 3 months) (Supreme and Approved)		\$600 to \$1,000
Crossbreds (Approved)		\$650 to \$785
Open heifers (500 to 700 lbs) (Approved)		\$500 to \$700
Crossbreds (Approved)		\$510 to \$635
SOURCE: MO Dept of Ag-USDA Mkt News Service (http://www.ams.usda.gov/mnreports/jc_ls130.txt)		

Springfield, Missouri on September 28, 2010		Price per Head
Springer heifers bred (7 to 9 months) (Supreme and Approved)		\$900 to \$1,275
Crossbreds (Approved)		\$875 to \$900
Heifers bred (3 to 6 months) (Supreme and Approved)		\$930 to \$1,270
Crossbreds		N/A
Heifers bred (1 to 3 months) (Approved)		\$950 to \$1,060
Crossbreds		N/A
Open heifers (500 to 700 lbs) (Approved)		\$480 to \$705
Crossbreds (Approved)		\$670 to \$680
SOURCE: MO Dept of Ag-USDA Mkt News Service (http://www.ams.usda.gov/mnreports/jc_ls131.txt)		

U.S. vs. Missouri Replacement Cow Prices							
Dollars Per Head	1st Q. 2009	2nd Q. 2009	3rd Q. 2009	4th Q. 2009	1st Q. 2010	2nd Q. 2010	3rd Q. 2010
U.S.	\$1,630	\$1,390	\$1,280	\$1,240	\$1,340	\$1,330	\$1,320
Missouri	\$1,470	\$1,250	\$1,200	\$1,070	\$1,080	\$1,150	\$1,140
SOURCE: USDA Agricultural Prices Report (http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1002)							

Co-Product Feed Price Update

Check the Co-products web page (<http://agebb.missouri.edu/dairy/byprod/bpmenu.asp>) on the Missouri Dairymen's Resource Guide for the latest feed prices in Missouri and around the country. Here is information on the latest price listings as of October 14, 2010.

Brewers Grain, Pressed (73% mstr)

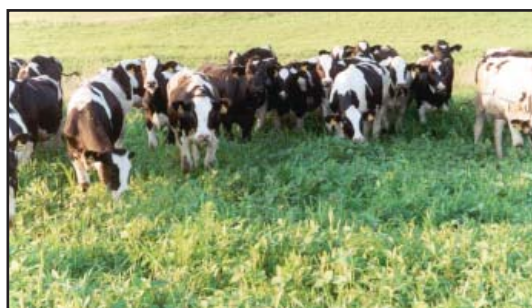
Company Name/Location	Phone #	Notes	Price/Ton
Commodities Specialists --St. Louis, MO	800-767-4092	del 50 mi, 32% CP, 0.83 NEL, 9.1% FAT	Out
Commodities Specialists --St. Louis, MO	800-767-4092	del 100 mi	Out
Commodities Specialists --St. Louis, MO	800-767-4092	del 200 mi	Out
Commodities Specialists --St. Louis, MO	800-767-4092	del 300 mi	Out

Corn Gluten Feed, Pelleted

Company Name/Location	Phone #	Notes	Price/Ton
Grain Processing Corp. --Muscatine, IA	563-264-4275		\$155
Lackawanna Products --Clarence, NY	716-633-1940	FOB Springfield, MO	\$183
Rehagen Bros. Trucking -- Freeburg, MO	573-455-2474	FOB Decatur, IL	\$150
Roquette America -- Keokuk, IA	800-553-7080	FOB Keokuk, IA	\$180
Livestock Nutrition Center -- Chickasha, OK	405-224-9696		\$191
NutraAg, LLC. --Versailles, MO	573-378-2800	Mixing and delivery of products available	\$198
NEMO Feed, LLC. --Baring, MO	660-892-4537	FOB Baring, MO	\$185
Weigand Feed & Grain --Warrensburg, MO	660-909-3882	All products FOB Warrensburg	\$155
High Plains Commodities --Greenwood, MO	816-744-8804	Delvd Southern MO	\$185
Key Ingredients --Plymouth, MN	763-476-5957	S MO \$174-180	\$177

Cottonseed, Whole

Company Name/Location	Phone #	Notes	Price/Ton
Lackawanna Products --Clarence, NY	716-633-1940	FOB Memphis, TN	\$195
Matthews Cotton Co. --Sikeston, MO	573-471-3790		\$190
Riley Cotton Co. --New Madrid, MO	573-748-5574	FOB New Madrid	\$195
Stoddard County Cotton -- Bernie, MO	573-293-4621	FOB Bernie, MO	\$194
Gavilon 5 -- Omaha, NE	402-889-4389	FOB Kennett, MO	\$185
Highlands Brokerage -- Overland Park, KS	866-431-7333	FOB Bootheel, Call for delvd price	\$200



Co-Product Feed Price Update (continued)

Distillers Grain, Dried

Company Name/Location	Phone #	Notes	Price/Ton
Lackawanna Products --Clarence, NY	716-633-1940	FOB Springfield, MO	\$186
MGP Ingredients --Atchison, KS	913-360-5253	FOB Atchison, KS	\$165
Bartlett and Company --Kansas City, MO	800-801-7279	FOB Malta Bend, MO	\$175
NutraAg, LLC --Versailles, MO	573-378-2800	FOB Versailles, MO	\$179
NEMO Feed, LLC --Baring, MO	660-892-4537	FOB Baring, MO	\$175
Poet Nutrition --Sioux Falls, SD	888-327-8799	FOB Macon, MO	\$160
Poet Nutrition --Sioux Falls, SD	888-327-8799	FOB Laddonia, MO	\$160
Weigand Feed & Grain --Warrensburg, MO	660-909-3882		\$150
Ray-Carroll County Grain Growers -- Richmond, MO	800-722-4407	FOB Carrollton, MO	\$160
Gavilon 2 -- Omaha, NE	402-889-4384	FOB MO (will quote dlvd)	\$170
Highlands Brokerage -- Overland Park, KS	866-431-7333	36% Prot FOB MO Call for delvd prices.	\$220
J.D. Heiskell -- Elkhorn, NE	402-289-6751	Dlvd. SW MO	\$170

Soy Hulls, Pelleted

Company Name/Location	Phone #	Notes	Price/Ton
ADM -- Decatur, IL	800-447-2302 x5949	FOB Decatur, IL	\$160
Livestock Nutrition Center -- Chickasha, OK	405-224-9696	FOB Chickasha, OK	\$174
Lackawanna Products --Clarence, NY	716-633-1940	FOB Springfield, MO	\$200
ADM --Quincy, IL	800-448-7692		\$150
NutraAg, LLC --Versailles, MO	573-378-2800		\$190
Weigand Feed & Grain --Warrensburg, MO	660-909-3882	Delivery Available on By-Products	\$145
NEMO Feed, LLC --Baring, MO	660-892-4537	byprods + add mineral pacs, del avail.	\$165
High Plains Commodities--Greenwood, MO	816-744-8804	FOB Kansas City	Out
Agri Trading --Hutchinson, MN	800-328-5189	FOB St. Joseph Feb	\$163
Bunge North America 2 --Cairo, IL	618-734-4141 x226	FOB Cairo, IL	\$135
Bunge North America 3 --Emporia, KS	620-342-7270	FOB Emporia, KS	Out

Wheat Midds, Pelleted

Company Name/Location	Phone #	Notes	Price/Ton
Livestock Nutrition Center -- Chickasha, OK	405-224-9696	Ability to blend 2 or more byproducts	\$206
ADM --Lincoln, NE	866-268-6196	FOB Kansas City	\$185
ADM --Lincoln, NE	866-268-6196	FOB Arkansas City, KS	\$185
Weigand Feed & Grain --Warrensburg, MO	660-909-3882	Can blend two or more by-products	\$165
CyberAgFeed Co, Inc. --N Kansas City, MO	800-892-5859	Bulk; St. Louis area	\$160
Agland Marketing, Inc. --Overland Park, KS	913-897-9799	Butler, MO	Call
Agland Marketing, Inc. --Overland Park, KS	913-897-9799	Dlvd to BN points in MO	Call

The co-product feed prices is a bulletin produced by the faculty and staff from the University of Missouri Division of Animal Sciences and Commercial Agriculture Program. Prices of feeds are as of the day quoted and are subject to change. When contacting companies inquire as to availability, minimum size loads, and method of payment.

DISCLAIMER: The University of Missouri and University of Missouri Extension are not responsible for quality, availability or changes in prices of feedstuffs listed. For additional information contact: Dairy Extension, Division of Animal Sciences, S-134 Animal Science Center, University of Missouri, 573-882-3459

Milk Price Update

According to the Robert Cropp's Dairy Outlook (http://future.aae.wisc.edu/outlook/cropp_sep_10.pdf), "On September 17th, dairy futures showed Class III peaking in September at \$16.30, declining to \$15.40 by December and continuing to decline into 2011 falling below \$14 by April. But, this may be too pessimistic. Milk production could very well slow down from what USDA now forecasts. Considerably higher feed costs this winter may be a key factor resulting in higher culling of dairy cows, some reduced grain and concentrate feeding as well as slow down or delay in expansion decisions (ag lenders are more cautious in making loans for expansion). Corn, soybeans and hay prices are all forecasted higher than a year ago. As of September 17th corn for December delivery was \$5.13 per bushel compared to the \$3.59 December average a year ago and the highest in two years. Soybeans for November delivery were \$10.69 per bushel compared to \$9.96 a year ago. The price of August alfalfa hay for the U.S. was 4.5% higher than a year ago with prices up as much as 19% for California. 6.6% for Idaho, 8.3% for New Mexico and 11% for Wisconsin.

The level of domestic sales and dairy exports will also be key factors. Fluid milk sales were 1.4% lower than a year ago January through July and may not show much improvement. Cheese and butter sales have been more favorable. Both butter and cheese sales depend heavily upon the restaurant business. However, the restaurant business continues to be sluggish. Dairy exports are projected to continue to run well above year ago levels for the remainder of this year with further growth for 2011.

In summary, we can expect some weakening of milk prices from their peak in September or October and into early 2011. But, there is a high probability that prices will be higher than currently shown by dairy futures."

Milk Futures on the Chicago Mercantile Exchange

10-13-2010	Oct	Nov	Dec	Jan 11	Feb	Mar	Apr	May	June	July	Aug
Class III Futures	\$16.82	\$16.13	\$15.13	\$14.52	\$14.15	\$14.23	\$14.23	\$14.20	\$14.24	\$14.72	\$15.10
Class IV Futures	\$16.76	\$15.77	\$15.34	\$14.71	\$14.28	\$14.24	\$14.25	\$14.19	\$14.21	\$14.21	\$14.39
Butter Futures	\$2.18	\$1.93	\$1.77	\$1.64	\$1.60	\$1.60	\$1.60	\$1.61	\$1.62	\$1.62	\$1.63

Source: Chicago Mercantile Exchange (<http://www.cmegroup.com/>)

Current USDA Milk Price Forecasts

9-17-2010	3rd Q 2010	4th Q 2010	1st Q 2011	2nd Q 2011
Class III Price	\$14.95 to \$15.15	\$15.85 to \$16.35	\$14.50 to \$15.30	\$14.40 to \$15.40
Class IV Price	\$15.90 to \$16.20	\$15.80 to \$16.40	\$14.70 to \$15.60	\$14.10 to \$15.20

SOURCE: USDA, ERS, Livestock, Dairy & Poultry Outlook

(<http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1350>)

Historical Missouri milk prices may be found on the Milk Prices and Marketing page (<http://agebb.missouri.edu/dairy/mkt/>) on the Missouri Dairymen's Resource Guide.



Missouri Weekly Hay Summary

Jefferson City, MO Thu Oct 14, 2010 MO Dept of Ag-USDA Market News

Dry weather has allowed farmers to make amazing progress with fall harvest. Statewide 74 percent of the corn is harvested which is 10 percent above normal pace and over twice as far along as this point last year when only 36 percent of the crop was harvested. Soybeans follow the same story with 36 percent of the crop harvested. Yield estimates for the corn crop dropped once again this month down to 134 bu per acre. Hay production is forecast at 2.06 tons per acre, down slightly from last year's 2.07 tons per acre. Acres planned to be or have been cut rose slightly. As with the past several years the problem isn't the amount of hay available but the lack of quality hay available. Hay that will actually return test results up in the premium to supreme grades is basically nonexistent. Pasture conditions are doing well in all but the south central and southeast regions of the state where feeding season is likely to be longer than normal. The supply of hay is moderate, demand light to moderate, and prices steady. Missouri Department of Agriculture has a hay directory available for both buyers and sellers. To be listed, or for a directory, visit, <http://mda.mo.gov/abd/haydirectory> (All prices f.o.b. and per ton unless specified and on most recent reported sales prices listed as round bales based generally on 5x6 bales with weights of approximately 1200-1500 lbs)

Supreme quality Alfalfa (RFV>185) 150.00-170.00

Premium quality Alfalfa (RFV170-180) 140.00-160.00

Fair to Good quality Alfalfa (RFV130-170) large round bales 75.00-120.00 Small, Large squares 90.00-140.00

Good quality mixed Alfalfa and grass small square bales 3.50-5.00 per bale; 30.00-60.00 per large round bale.

Good to Premium quality Prairie hay mostly small squares 80.00-120.00

Fair to good quality Prairie hay mostly large round bales 35.00-75.00

Good to Premium quality Brome 90.00-150.00

Good quality Brome 50.00-120.00

Fair quality Brome some mixed with grass 30.00-50.00 per large round bale

Good to Premium Mixed Grass hay 60.00-100.00

Good quality Mixed Grass hay 40.00-70.00

Fair to Good quality Mixed Grass hay 20.00-40.00 per large round bale

Good quality Bermuda grass 80.00-120.00 per ton

Premium to Supreme Quality Timothy 5.00-6.50 per small square bale

Good quality Timothy Hay 3.50-5.00 per small square bale

Wheat straw 2.00-5.00 per small square bale

Source: MO Dept of Ag-USDA Market News Service (<http://agebb.missouri.edu/mkt/bull14c.htm>) The Missouri Hay Directory is a free publication designed to help farmers buy and sell hay. The directory lists more than 200 hay producers, telephone numbers, amount and type. The web address is <http://mda.mo.gov/abd/haydirectory.php>. In addition, the website lists hay for sale in surrounding states.

Show Me Synch:

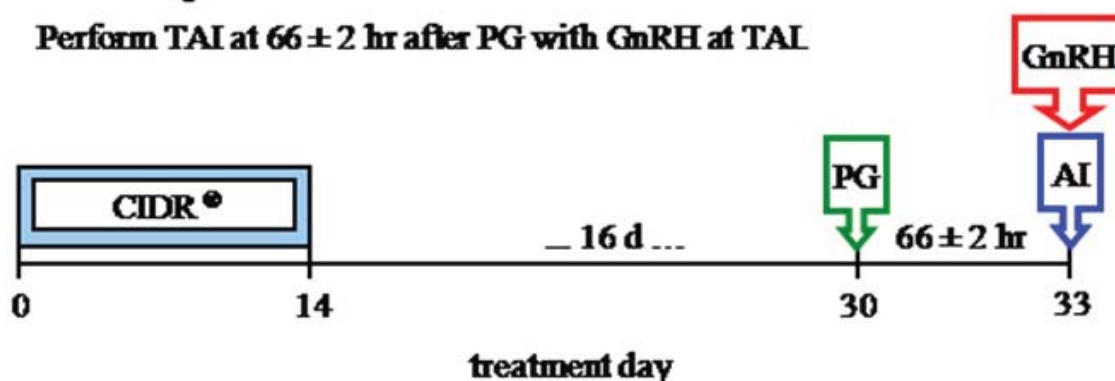
Background and Results from the Dairy World

Written by Scott Poock, DVM, and Dan Busch, MS, University of Missouri

The Show Me Synch (14-Day CIDR-PG) protocol is a 33 day program. The protocol involves placing a CIDR in a heifer for 14 days followed by an injection of prostaglandin (Estroplan, Estrumate, or Lutalyse) sixteen days after removal of the CIDR at 2 PM. Sixty-six hours (8 AM) the heifers will be fixed-time inseminated with an injection of GnRH (see diagram below). This protocol was developed at the University of Missouri. Dr. Dave Patterson, graduate students, and Genex reps have been field testing this protocol in beef heifers and cows. Based on research recently conducted in Missouri, the goal of implementing a protocol that incorporates pre-breeding health requirements and synchronization can now be accomplished with the Show Me Synch protocol.

14-Day CIDR® - PG

Perform TAI at 66 ± 2 hr after PG with GnRH at TAI



Veterinarians and producers are beginning to view the Show Me Synch protocol as a starting point to implement various other heifer management procedures well ahead of breeding time. These include: pre-breeding vaccinations, pelvic measurements, reproductive tract scores, deworming, etc., all of which may be performed during the heifers' first trip through the chute and coincide with date and time CIDRs are inserted. Current recommendations for effective use of vaccines indicate that some pre-breeding vaccinations may result in negative effects on conception rates when administered immediately prior to the breeding season. Vaccination with a Modified Live Vaccine (MLV), at the CIDR insert (33 days before breeding), affords producers and their veterinarians the most effective utilization of these vaccines without deleterious effects on conception.

Given that background, we have been interested in the use of Show Me Synch in dairy heifers. The first farm to incorporate the protocol was the University of Missouri's Foremost Dairy. They bred several groups of heifers in December 2008 that had been synchronized with the Show Me Synch protocol and bred on estrus with Gender Selected Semen. They averaged better than 50% conception, synchrony of the estrus was tight, and greater than 95% of heifers responded. This led to utilizing the protocol in two commercial dairies (one conventional and one grazing). The conventional dairy heifers were split into two groups, one on Show Me Synch and the other only received an injection of prostaglandin. The Show Me Synch program yielded ~ 30% more pregnancies than using prostaglandin only. On the grazing dairy the pregnancy rate to AI was 60% (48 out of 80 heifers were pregnant to AI).

Show Me Synch:

Background and Results from the Dairy World

(cont.)

With these results, we decided to continue testing the protocol. Foremost Dairy has been using the protocol and time artificial inseminating (TAI) with Gender Selected Semen since December 2009. They were reluctant to use TAI with the Gender Selected semen, but as of August 2010, their conception rate has been 45.5% (86 pregnant out of 189 breedings).

Being encouraged with these results, Genex and the University of Missouri developed a trial with 240 Holstein heifers. All the heifers were weighed, aged, pelvic measured, reproductive tract scored, vaccinated, and dewormed at the CIDR insert. Based on the information gathered, they were randomly assigned one of two groups. The first group was TAI with Gender Selected Semen and the second group with conventional semen. Only one bull was used. A single day's collection from the bull was divided into Gender Selected and conventional processing. Finally, only one inseminator bred all the heifers. Likewise, recording of the timing of prostaglandin injection and breeding was done.

The heifers were bred on June 7 and ultrasounded on August 9. The heifers bred with conventional semen had a 69% conception rate and Gender Selected was 37%. Interestingly, the heifers bred to conventional semen had basically the same conception rate whether they had expressed estrus or not (using Estrotect patches). However, for the Gender Selected group, for those that showed estrus the conception rate was 46% versus 24% for those that did not show heat.

We also repeated this protocol on a grazing dairy. We used the University of Missouri's grazing dairy at the Southwest Center in Mount Vernon. There were 49 crossbred heifers (Holstein and Jersey crosses). We reproductive tract scored, vaccinated, and dewormed at the CIDR insert. Conventional semen from New Zealand bulls was used to breed the heifers. The heifers were bred on May 8 and ultrasounded the end of July. Thirty-six (36) out of the 49 heifers became pregnant to TAI (73.4%).

Missouri Dairy Calendar

- Missouri Dairy Forum - January 28, 2010
University Plaza Hotel, Springfield, Missouri
- Missouri Dairy Profit Seminars - February 14-18, 2010
Various locations in Missouri
- Southwest Missouri Spring Forage Conference - February 22, 2010
Springfield, Missouri
- Dairy Calf and Heifer Assn. Conference - April 5-6, 2010
Lake Geneva, Wisconsin

Source: <http://agebb.missouri.edu/dairy/calendar/>



Sho-MO Dairy Heifer Growers Association
University of Missouri Extension
223 Mumford Hall
Columbia, MO 65211

RETURN SERVICE REQUESTED

Sho-MO
Dairy Heifer
Growers



Sho-Mo Dairy Heifer Growers Association was organized to represent the Missouri's professional dairy heifer growers and to provide its membership with learning experiences that would benefit them to produce consistent, quality dairy heifers.

The Sho-Mo Dairy Heifer Growers Association publishes a quarterly newsletter that contains the latest issues that affect dairy heifer growers. If you have any questions about the newsletter or membership, please let me know

Denis Turner, President
(417) 741-7512

Sho-MO Web site: <http://www.mocattle.org/shomodairy.htm>