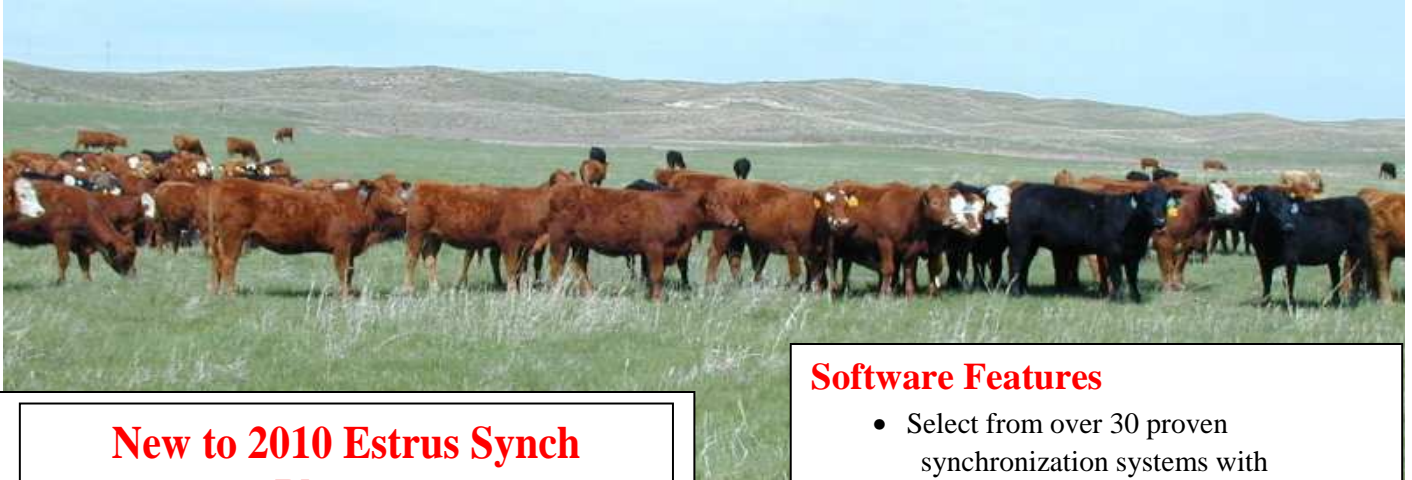


ANNOUNCING

2010 ESTRUS SYNCH PLANNER

Now available at the ISU Publications Distribution Center



New to 2010 Estrus Synch Planner

The 2010 revised version of the Estrus Synch Planner will include three new systems just recently approved by the Beef Reproduction Task Force. Recent research at the University of Missouri which eliminates one chute trip for the 14-day CIDR programs has been incorporated into three new heifer synchronization systems; one with estrus detection, one with estrus AI & cleanup AI and one that incorporates fixed-time AI. Additionally the 2010 Estrus Synch Planner allows one to do side-by-side simultaneous cost comparisons of up to 3 different systems. This is certainly a big advantage when looking at things in a tighter beef economy.

Software Features

- Select from over 30 proven synchronization systems with preferred systems highlighted in each of the following categories:
 - Heat detect & AI systems
 - Heat detect & clean-up AI
 - Fixed-time AI
- Recommendation of various systems for beef cows and heifers
- Suggests systems based on amount of heat detection desired.
- Provides a calendar of activity to ensure proper application
- Provides suggestions for proper application and use situations.
- Estimates program costs based on your inputs

Software Outputs

- List of daily activities
- Barn calendar of selected system
- Budgeted cost analysis of selected system

Program Support is still only a phone call away:

Contact Garland Dahlke (515) 294-9910 at the Iowa Beef Center of Iowa State University

Want to order your copy of the Estrus Synch Planner? Contact Iowa State Extension Distribution by phone at (515) 294-5247 or through email at pubdist@iastate.edu. You can also order the estrus synch software online at <https://www.extension.iastate.edu/store/Default.aspx>. The Estrus Synch Planner is only \$25 plus shipping and handling. When ordering through Extension Distribution, use the software's reference number Estrus 0001.

Estrus Synchronization Planner

2/17/10

29 = 5 - Day CO-Synch + CIDR with Fixed-Time AI

Producer Name: _____
 Address: _____
 Town: _____
 Phone Number: _____

Date to start breeding: 6/1/2010
 Clean-up bull turn in date: 6/15/2010
 Start of calving season: 3/9/2011

Prepared by: _____
 Phone Number: _____

1st PG injection given @ 7:30 AM on 5/29/2010						
Fixed time AI done @ 7:30 AM on 6/1/2010						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
5/23/2010	5/24/2010	5/25/2010	5/26/2010	5/27/2010	5/28/2010	5/29/2010
	* Insert CIDR device in all females * Inject GnRH - all females					* Remove CIDRs & inject PG * 8 hrs later give 2nd PG injection
5/30/2010	5/31/2010	6/1/2010	6/2/2010	6/3/2010	6/4/2010	6/5/2010
		* GnRH injection & Fixed time AI 72 hrs after 1st PG injection				
6/6/2010	6/7/2010	6/8/2010	6/9/2010	6/10/2010	6/11/2010	6/12/2010
6/13/2010	6/14/2010	6/15/2010	6/16/2010	6/17/2010	6/18/2010	6/19/2010
		* Turn in Bull Power				

Estrus Synchronization Planner

Date to start breeding: 8/1/10
 Clean-up bull turn in date: 8/15/10
 Start of calving season: 3/9/11

Producer Name: _____
 Address: _____
 Town: _____
 Phone Number: _____
 Prepared by: _____
 Phone Number: _____

Cost Comparison of Three Selected Systems											
29 = 5 - Day CO-Synch + CIDR with Fixed-Time AI				vs.		6 = MGA + Prostaglandin		vs.		15 = 7-Day CIDR+PG	
Cost Analysis Item:	Units	Cost/Unit	Total cost		Total cost		Total cost		Total cost		Total cost
PG Cost	200	\$2.50	\$500.00		\$250.00		\$250.00		\$250.00		\$250.00
GnRH Cost	200	\$2.60	\$520.00								
MGA Supplement		\$0.20			\$280.00						
CIDR Cost	100	\$10.50	\$1,050.00				\$1,050.00				\$1,050.00
Synchronization Cost Subtotal			\$2,070.00		\$530.00		\$1,300.00				\$1,300.00
Detect/Mgt.Labor	50.6	\$10.00	\$506.00		\$619.72		\$669.38		\$669.38		\$669.38
Semen	100	\$25.00	\$2,500.00		\$2,500.00		\$2,500.00		\$2,500.00		\$2,500.00
AI Cost Subtotal			\$3,006.00		\$3,119.72		\$3,169.38		\$3,169.38		\$3,169.38
Total Cost (not including feed & yardage)			\$5,076.00		\$3,649.72		\$4,469.38		\$4,469.38		\$4,469.38
Cost / Female Synchronized			\$50.76		\$36.50		\$44.69		\$44.69		\$44.69
Days in Drylot					39						
Roughage					\$3,120.00						
Grain					\$936.00						
Yardage					\$975.00						
Supplement					\$146.25						
Feed & Yardage Cost Subtotal					\$5,177.25						
Total Cost			\$5,076.00		\$8,826.97		\$4,469.38		\$4,469.38		\$4,469.38

This feed & yardage cost does not credit in the cost of maintaining the female on pasture.

\$/Synch AI = cost per successful AI pregnancy for the selected system under the given success rate.

Cost - Response Analysis:		29 = 5 - Day CO-Synch + CIDR with Fixed-Time AI				
Estrous Response Rate		Conception Rate of those Responding to Synchronization				
		35%	45%	55%	65%	75%
100%	% AI Pregnant	35.0%	45.0%	55.0%	65.0%	75.0%
	\$/Synch AI preg.	\$145.03	\$112.80	\$92.29	\$78.09	\$67.68
	% AI Pregnant					
	\$/Synch AI preg.					
	% AI Pregnant					
	\$/Synch AI preg.					
	% AI Pregnant					
	\$/Synch AI preg.					

Example System Comparison Printout