

Hansen Ranches

Carl Hansen

Livermore, Colorado



MGA on Cows

- Heifers are bred A.I. MGA (50)
- 5th Year of MGA on Cows (150)
- A. I. on Cows up to 7 years old to Angus Bulls
- Older cows (150) are bred to Gelbvieh Bulls, Natural Service



Hansen MGA Cow System

- Cows that calve in the first 21 days are synchronized
- Feed Cake on “Feed Ground” 1 pound of .5 MGA cake for 14 days
- Prostaglandin shot on day 18 in A.M. after last day of MGA and start heat detection and breeding
- Average start breeding date is April 10th
- Mass mate at 72 hours.
- If standing the morning of mass mate day, they will breed that evening (could be as high as 35% of total synchronized cows)

Cattle on Feed Ground-March



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- Feed Cake on “Feed Ground” 1 pound of .5 MGA cake for 14 days
- Prostaglandin shot on day 18 in A.M. after last day of MGA and start heat detection and breeding
- Mass mate at 72 hours. (approximately first week of April)
- If standing the morning of mass mate day, they will breed that evening (could be as high as 35% of total synchronized cows)

Hansen MGA Cow System

- Results for the last 3 years
- 2008 - An increase of 12% of the cows calving in the first 21 days of the calving season, which is now 87% of the cows.
- 45 day targeted calving season has resulted in a 96.6% overall pregnancy rate, a +1.5% increase over the last three years.
- Calves weaning weight has increased 5% (800 pounds on October 1st)



Cost Comparison Natural vs. A.I.

- Natural Service with \$3000 bull
 - - \$1000 salvage
 - 5 year life,
 - 75 calves
 - = \$27 per calf
- A.I. with \$7500 bull
 - 500 straws x \$2 = \$1000
 - -Salvage \$1000
 - \$7500 / 320 Calves (64% of 500 Straws)
 - \$23 per calf
 - \$5 for Prostaglandin + AI Supplies
 - =\$28 per calf

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- In Summary, our A.I. Program ----
 - 1-Has improved our A.I. conception rate (64%)
 - 2-Is cost-effective (\$28 per Calf)
 - 3-Has improved our weaning weights
 - 4-Has improved our female replacement selection which directly affects our overall herd quality



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Thank you!

