



Putting the puzzle together ...



to produce more profit for your bottom line!

Production Sale
Friday,
April 27, 2012

5:00 pm CDT • Napoleon Livestock
Napoleon, ND

Selling:

- 25** Simmental & SimAngus Yearling Bulls
- 25** Red Angus Yearling Bulls
- 19** Simmental-Red Angus Commercial Heifers
- 14** Red Angus Commercial Heifers



Kuhn's Red Angus & Crosshair Simmentals

Crosshair Simmental

Ben, Cassie and Brinley Kleppe
3220 48th St SE • Dawson, ND 58428
Home: 701-327-8330 • Cell: 701-426-0210

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Welcome,

Greetings and welcome to our Annual Production Sale.

What an exciting time to be in the cattle industry! With record-high prices, every pound of gain is putting more dollars in your pocket. That's why using Simmental and SimAngus bulls and females in your herd will help meet that demand. We feel we have a select group of bulls to improve your bottom line.

The bulls were weaned on the 8th of October and started on a complete mixed ration consisting of corn, protein pellet, silage and chopped hay, working up to a 52 MegaCal Ration and at no point were pushed harder.

The majority of this year's bulls are out of first-calf heifers. We feel that this is a great testament to our dedication for improving our genetics to bring you a better bull to add in your program.

As always we encourage and welcome any feedback on the bulls. We look forward to visiting with you and hope to see you on April 27th.

Ben, Cassie and Brinley Kleppe

Kuhn's Red Angus

James, Stephanie, Elodie and Reagen
0902 28th Ave SE • Napoleon, ND 58561
Home: 701-332-6378 • Cell: 701-426-6921

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Welcome to our 2012 sale offering. Thanks to all of you for your business and for believing in our program. We cannot continue to operate without your patronage.

We believe everyone in the cattle industry must concentrate on balanced traits for their cattle. Here at Kuhn's Red Angus that has always been our strategy which you can see in the sires that we purchase, our AI program, and also the embryo program we have.

This year we sent five bulls from the middle of our program to Midland Test Station to see how our bulls perform against other Red Angus Bulls. The Red Angus bulls averaged 2.7 lbs.-per-day gain and 100 ratio on feed efficiency. Our Red Angus bulls were able to gain 3 lbs. a day with a 111 ratio on feed efficiency. Which means our bulls ate less and gained more.

We feel the strength of our program depends on our ability to provide you with exceptional cattle. Your success is our success. We look forward to seeing you at the sale and THANK YOU again for your continued support.

*James & Stephanie Kuhn
Elodie, Reagen and Hudson*



Hudson

Red Angus Guide to EPDs

*Courtesy of the Red Angus Association of America
For more information on EPDs, visit redangus.org.*

CED Calving Ease Direct – predicts the probability of calves being born unassisted out of 2-year-old heifers.

BW..... Birth Weight – predicts the difference, in pounds, for birth weight, and is also used in the calculation of Red Angus' Calving Ease Direct (CED) EPD.

WW Weaning Weight – predicts the difference, in pounds, for weaning weight (adjusted to age of dam and a standard 205 days of age).

YW..... Yearling Weight – predicts the expected difference, in pounds, for yearling weight (adjusted to a standard 365 days of age).

Milk Milk – predicts the difference in maternal production of an individual animal's daughters as expressed by the weaning weight of their calves.

TM Total Maternal – predicts the rancher's actual observation of weaning weights of calves raised by an animal's daughters. $TM\ EPD = Milk\ EPD + 1/2\ (WW\ EPD)$

ME Maintenance Energy – predicts a bull's daughters that will require less feed to maintain her body weight and condition; thus increasing profitability.

HPG..... Heifer Pregnancy – predicts the probability of heifers conceiving to calve at two years of age.

CEM Calving Ease Maternal – predicts the probability of a given animal's daughters calving unassisted at two years of age.

STAY.... Stayability – predicts the probability that a bull's daughters will remain in the herd until at least 6 years of age.

MARB .. Marbling Score – predicts differences for carcass marbling score as expressed in marbling score units. Higher marbling scores are positively correlated with higher carcass quality grades.

YG Yield Grade – predicts differences in USDA Yield Grade score, and is expressed in USDA Yield Grade units.

CW..... Carcass Weight – predicts differences in hot carcass weight and is expressed in pounds. Because Red Angus' CW EPD is a multi-trait.

REA Rib Eye Area – predicts differences of carcass Rib Eye Area between the 12th and 13th rib.

FAT 12th Rib Fat Thickness – predicts differences for carcass fat depth over the 12th rib, as expressed in inches.

Simmental Guide to EPDs

*Courtesy of the America Simmental Association
For more information on EPDs, visit simmental.org.*

CE Calving Ease – predicts the ease with which a bull's calves are born to first-calf heifers or mature cows. Larger number indicates higher percentage of unassisted births for calves sired by this bull.

BW..... Birth Weight – predicts the difference in average birth weight of a bull's progeny compared to other bulls.

WW Weaning Weight – predicts the difference in average 205-day weight of a bull's progeny.

YW..... Yearling Weight – predicts the difference in average 365-day weight of a bull's progeny compared to other bulls.

MCE Maternal Calving Ease – The ease with which a sire's daughters calve as first-calf heifers or mature cows. Larger number indicates higher percentage of unassisted births for calves born out of this sire's daughters.

Milk Milk – predicts the milking ability of a bull's daughter. A positive value indicates above average milking ability.

MWW Maternal Weaning Weight – predicts the weaning weight of a bull's daughter's calves in pounds. A positive value indicates higher-than-average weaning weights.

CW..... Carcass Weight – predicts the difference in average hot carcass weight. A positive number indicates heavier-than-average carcass weights.

REA Ribeye Area – predicts the average difference in ribeye area between the 12th and 13th rib of an animal's progeny. Express in sq. inches.

MARB .. Marbling Score – A subjective evaluation of the amount and distribution of intramuscular fat (IMF) measured between the 12th and 13th rib. A positive value indicates higher-than-average marbling.

BF or FAT Backfat – predicts the average differences between an animal's progeny in external fat thickness at the 12th and 13th rib. Express in inches at a given age endpoint.

YG Yield Grade – predicts the average differences in cutability and is expressed as a deviation. A negative or lower value is desirable just as a lower Yield Grade is desirable.

STAY Stayability – predicts the probability that a sire's daughters entering the herd will stay in production through 6 years of age. A higher value indicates greater stayability.

API All-Purpose Index – Evaluates sires for use on the entire cow herd with a portion of their daughters required to maintain herd size and the remaining progeny put on feed.

TI Terminal Index – Evaluates sires for use on mature Angus cows with all offspring put on feed. Maternal traits are not considered in this index.



James and Stephanie Kuhn
6962 28th Ave SE
Napoleon, ND 58561

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