

# C-B CHAROLAIS

*The brand you can trust!*

*Annual Production Sale*

**Tuesday,  
March 22, 2011**

**1:30 p.m. • Napoleon Livestock  
Napoleon, ND**

**40** Performance-oriented yearling bulls

**10** Stout fall yearling bulls

**25** Red Angus first-calf heifers with  
Charolais-X calves at side

*Females  
Sell First!*

**5** Fancy yearling registered Charolais heifers



**JAB Top Shelf 690 Polled**

# C-B Charolais

Curtis, Laurie, Troy and Heather Brown  
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Phone: 701-489-3425

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## **Auctioneer:**

Seth Weishaar .....605-210-1124  
Belle Fourche, SD

## **Special Representatives:**

Terry Robinson .....701-471-5753  
Farm & Ranch Guide  
Kris Peterson .....701-339-0305  
Cattle Business Weekly  
Kristian Rennert .....308-440-9463  
Charolais Journal

## **Complimentary lunch by Unison Bank & Hubbard Feeds.**

**Delivery and Feeding:** Bring your trailer and deduct \$30 per bull, or we can take them home and you can pick them up there in the next 10 days, free of charge. After that, \$3/day with arrangements with us.

**Absentee Bids:** We can handle any bids either on the phone or in strict confidence. Please call before the sale to set this up.

**Guarantee:** Unconditional guarantee goes along with these cattle. If there is a problem, we will fix it!

**Registration:** All bulls and females are registered. Papers will be transferred at the seller's expense.

**Herd Health:** Any health papers that need to be issued can be done so by a veterinarian.

**Terms:** Cash or checks will be accepted.

**Liabilities:** Anyone attending the sale will do so at their own risk.

**Volume Discounts:** If four or more bulls are purchased by the same ranch, they will receive a 5% discount on the total purchase.

**Understanding EPDs:** Explanation on inside back cover.

## **Please join us for after-sale hospitality!**

You can watch the LIVE! Go to [napoleonlivestock.com](http://napoleonlivestock.com) and click on the Live Auction tab.

If you want to bid, you will need to register prior to the sale. It's easy to do and they will walk you through it.

# AICA EPD Guide

**Calving Ease Direct (CE)** is expressed as a difference in percentage of unassisted births in first calf heifers. A higher value indicates greater calving ease. It predicts the average difference in unassisted births with which a sire's calves will be born when bred to first-calf heifers.

**Birth Weight EPD (BW)** The expected difference in average birth weight (pounds) of progeny. Birth weight reflects prenatal growth.

**Calving Ease Maternal (MCE)** is expressed as a difference in percentage of unassisted births in first calf daughters. A higher value indicates greater calving ease. It predicts the average difference in unassisted births with which a sire's daughters will calve as first-calf heifers when compared to daughters of other sires.

**Weaning Weight EPD (WWT)** The expected difference in average weaning weight of calves. The evaluation reflects the genetic influence on pre-weaning growth rate.

**Yearling Weight EPD (YWT)** The expected difference in average yearling weight of progeny. The evaluation reflects genetic influence on both pre-weaning and post-weaning growth rate.

**Maternal Milk EPD (MAT)** The genetic ability of a sire's or dam's daughters to express in pounds of weaning weight in her calves due to her maternal ability through mothering instinct and milk.

**Total Maternal EPD (TOTMAT)** A value to predict the weaning weight performance of calves from a animal's daughters due to genetics for growth and maternal ability. Total Maternal is calculated by adding  $\frac{1}{2}$  the WWT EPD to the Maternal Milk EPD.

**Scrotal Circumference EPD (SC)** The expected difference in scrotal circumference (expressed in centimeters) of a bull's or dam's male offspring at yearling compared to progeny of all other animals evaluated. Research has also indicated a relationship between increased SC EPD and decreased age at puberty for daughters.

**Carcass Weight EPD (HCW)** Expected progeny differences for Carcass Weight is a predictor of pounds of retail product at a constant age endpoint. Selection for increased values should result in heavier carcasses, while selection for decreased values should result in lighter carcass weights at the same age endpoint. Carcass Weight EPD are expressed in pounds and is a predictor of the differences in hot carcass weight between parents progeny at an age constant endpoint.

**Ribeye Area EPD (REA)** Ribeye area is measured from a cross-sectional area of the longissimus dorsi muscle at the 12th rib. Ribeye area is a major component of the USDA yield grade equation and selection for increased ribeye area should result in larger ribeyes and lower yield grades between animals with the same carcass weight. Ribeye area has a positive relationship with weight, the larger the animal the larger the ribeye area. Ribeye Area EPD are expressed in square inches and is a predictor of differences in ribeye area between parents progeny at a constant age endpoint.

**Fat Thickness EPD (FAT)** Fat thickness is measured at the 12th rib and is the primary component to the USDA Yield Grade equation. Fat thickness has a negative relationship to cutability; therefore, selection base on decreased fat thickness should result in lower yield grades and leaner cattle given the same age endpoint. Fat Thickness EPD are expressed in inches and are a predictor of differences in fat thickness between parent's progeny at an age constant endpoint.

**Marbling Score (MARB)** Marbling is a subjective measure of the amount of intramuscular fat in the ribeye muscle. Marbling score is the primary component of USDA Quality grade and selection for increased Marbling Score EPD should result in cattle with higher quality grades at the same age endpoints. Marbling score has a small genetic correlation with fat, therefore producers may select for increased marbling score EPD while not changing external fat thickness when cattle are harvested at the same age-constant endpoint. Marbling EPD is a prediction of the differences in the USDA subjective marbling score between parent's progeny at an age constant endpoint.

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US POSTAGE

PAID

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