



Explanation of EPDs

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

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

Yearling Weight EPD (YW) 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 (M) 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 (TM) A value to predict the weaning weight performance of calves from an animal's daughters due to genetics for growth and maternal ability. Total Maternal is calculated by adding ½ the WWT EPD to the Maternal Milk EPD.

Terminal Sire Index (TSI) The AICA Terminal Sire Index (TSI) is a formal method of combing Expected Progeny Differences (EPD) – BWT, WWT, YWT, REA, HCW, MARB and FAT – into one single value on which to base selection decisions. The TSI uses estimates of the genetic relationships between traits with an economic default value based on three year rolling USDA data.

The TSI represents a dollar index per terminal progeny produced for a bull in the AICA database, ranking them for profit potential. This dollar index is to be interpreted much like single trait EPD. For example, if Sire A's index is \$191.66 and Sire B's index is \$200.00, then we would expect Sire B's offspring to average \$8.34 more net return (\$200.00 minus \$191.66) than Sire A's offspring.

AICA Spring 2020 Breed average EPD					
BW	WW	YW	M	TM	TSI
0.3	30	56	9.5	25	202
SCR SALE BULL AVERAGES					
BW	WW	YW	M	TM	TSI
1.1	36	68	9.3	27	214

DVAuction

www.dvauction.com

Watch & Bid online for FREE!

Can't make the sale?

Let DVAuction bring the sale to you!

Busy during the sale?

Let DVAuction represent your bid!

Visit www.dvauction.com and Register!
It's as easy as 1, 2, 3...

1. Create an account at www.dvauction.com under the "create new account" tab
2. Apply for bidding by clicking "apply for bidding" in the upper left corner of your screen, at least 24 hours prior to the auction
3. Tune into the sale and make your purchases!

For General Questions Please Contact Our Office:
(402) 316-5460 or support@dvauction.com

*High Speed Internet Access Required

Your local dealer: Lewis Reuer (605) 281-1067

VITALIX INC.™

The Leader in Controlled-Consumption Cattle Supplements

- ✓ Proprietary enzyme package
- ✓ Protected vitamin A & D
- ✓ High levels of vitamins and minerals
- ✓ Consumption guarantee
- ✓ All natural protein

Get the tub!

800-423-TUBS | Alliance, Nebr. | Vitalix.com