



# PROFITABILITY MADE SIMPLE: THE AICA TERMINAL SIRE INDEX

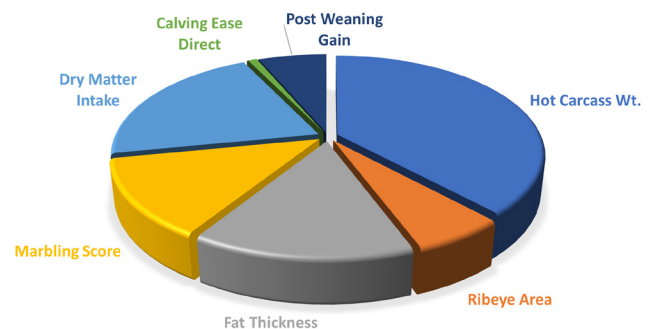
The AICA Terminal Sire Index (TSI) utilizes EPDs and genomic data from the American-International Charolais Association (AICA) database to assist in identifying the most profitable genetics for your operation.

Using advanced economic selection index theory & bioeconomic modeling, the TSI generates dollar indexes for terminal progeny produced by bulls in the AICA database. These indexes rank sires based on their profit potential, allowing you to quickly make more informed decisions. For example, if Sire A has an index of \$191.66 and Sire B comes in at \$280.00, you can anticipate an average net return of \$88.34 more per offspring from Sire B. To consider that impact over 25 calves in 5 years, the increased profit potential would be expected to be more than \$11,000. TSI assumes that all offspring are marketed based on carcass value, while replacement females are either purchased or raised separately.

## WHY USE TSI WHEN SELECTING BULLS?

- Allows you to make genetic progress across multiple EPD traits by selecting for one simple number
- Creates a comparison of the profit potential when comparing two or more bulls
- Factors in growth, performance, feed efficiency, carcass weight, quality grade, fat, and yield grade to ensure high profitability feeder cattle
- Based upon the AICA genetic database & proven USDA data to ensure accurate economic results
- Increases value potential of calves marketed through the CharAdvantage genetic verification feeder calf program
- Particularly beneficial when retaining ownership of cattle through the feedlot phase & harvest

## AICA TERMINAL SIRE INDEX SELECTION CRITERIA RELATIVE EMPHASIS



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