

Igenity[®] Indexes



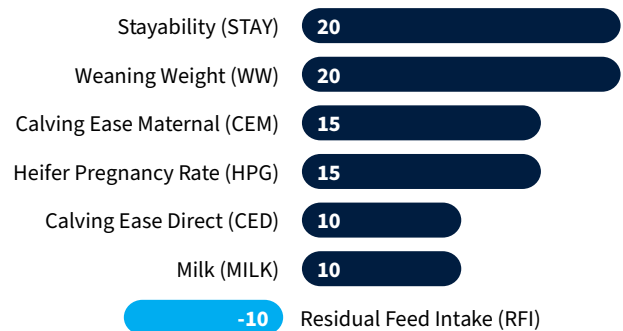
Igenity Beef profiles of replacement heifers and non-registered bulls help producers assess their animals' genetic potential for maternal, performance, and carcass traits. The index values allow producers to evaluate cattle with ease, utilizing a single number, encompassing multiple traits. This makes it easy to review and focus on those animals making the biggest impact.

Igenity Beef reports 17 traits and 3 indexes, allowing for selection pressure on multiple traits at the same time, depending on a producer's breeding objectives. The 3 indexes are the Igenity Maternal, Igenity Production, and Igenity Terminal indexes. Using these can help producers uncover the genetic potential of young breeding stock before making significant investments in their development.

Igenity Maternal Index:

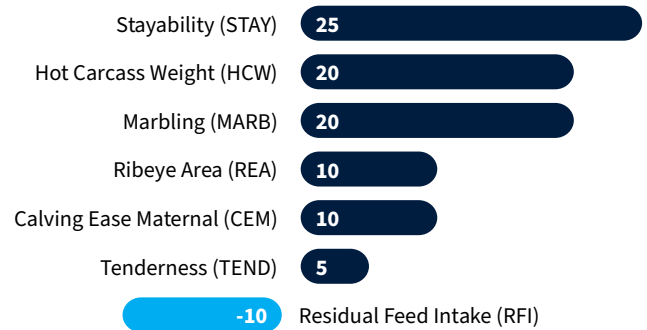
- For producers wanting to keep replacement females and market calves at weaning
- Improved stayability with favorable impacts on calving ease direct, birth weight, and ease of calving by progeny; modest increase in milk
- Emphasis on enhanced fertility and increasing weaning weight; negative emphasis on residual feed intake

Percent Weightings



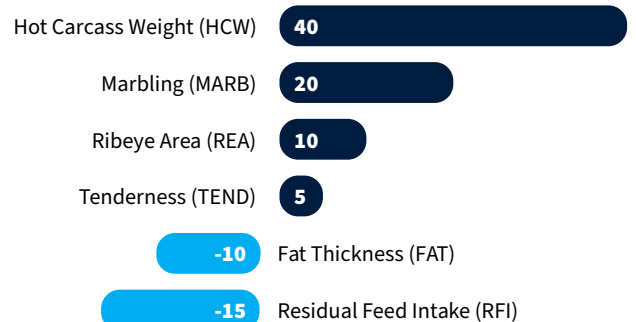
Igenity Production Index:

- For producers wanting to keep replacement females and market calves with superior carcass potential
- Balances maternal traits with growth and carcass characteristics
- Emphasis on stayability, marbling, and hot carcass weight; negative emphasis on residual feed intake



Igenity Terminal Index:

- For producers who retain ownership of progeny or to identify feeder cattle who are more profitable during the feeding period and on the rail
- Identifies animals with superior feedlot performance and carcass merit
- Emphasis on hot carcass weight, marbling, and ribeye area; negative emphasis on residual feed intake and fat thickness



Igenity Branded

Our proprietary marketing program designed for cattle tested with Igenity Beef or Igenity Feeder, Igenity Branded assesses and verifies commercial cattle's genetic potential. Producers must test at least 35% of the calf crop to qualify. Calves are then sorted into 4 marketing groups:

Marketing Groups:

Elite — Rank in the top 25% of Igenity Beef or Igenity Feeder-tested cattle, based on their average Igenity Terminal or Igenity Maternal Indexes

Premier — Rank in top 50% of Igenity Beef or Igenity Feeder-tested cattle

Choice — A cut above entry-level tier, these calves rank in the 3rd quartile

Tested — Entry-level tier; calves have received a verified Igenity genomic profile

Key Benefits:

Enhance Market Value — The Igenity Branded program provides certification for calves that meet specific genetic criteria, enabling them to achieve higher market premiums

Market Advantage for Producers — Igenity Branded calves command better prices, benefiting sellers and incentivizing the breeding of superior genetics

Risk Management for Buyers — Buyers can make more informed decisions by verifying the genetic value of the cattle, reducing uncertainty associated with cattle purchases

The Igenity Beef genomic indexes, along with the Igenity Branded marketing program, allow producers to select, manage, and market their cattle with more confidence. Using the comprehensive data provided by the Igenity indexes, producers can easily evaluate maternal, performance, and carcass traits to achieve optimal balance across their herd, enabling confident decision-making.



800-621-8829 • 859-254-1221 | neogen.com

Neogen Corporation, 620 Lesher Place, Lansing, MI 48912 USA.

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