

Igenity[®] Indexes



Effective and Efficient Decision Making

A decision index delivered with Igenity Beef or Igenity Feeder uses a formula to place weightings across a group of traits, combining them into a single value. These values are then used to easily rank your tested animals to make critical decisions aligned with your goals.

Advantages:

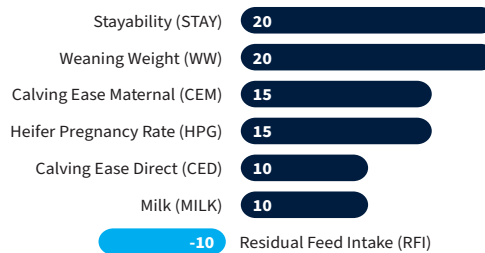
- Simplify selection of replacement heifers.
- Drive balanced progress across multiple traits.
- Avoid the consequences of single-trait selection.
- Focus on the replacements with the biggest impact.

Igenity Maternal Index (IMI)

IMI is designed for producers committed to developing high-quality replacement females and marketing heavier, more profitable calves.

- Build stronger, longer-lasting cows.
- Facilitate smoother calvings with fewer headaches.
- Maintain consistent, positive maternal trends.
- Enhance early calf performance.

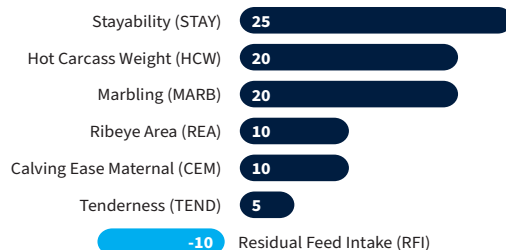
Percent Weightings



Igenity Production Index (IPI)

IPI is uniquely structured to develop cattle that perform both as efficient, long-lasting cows and as high-value carcass cattle.

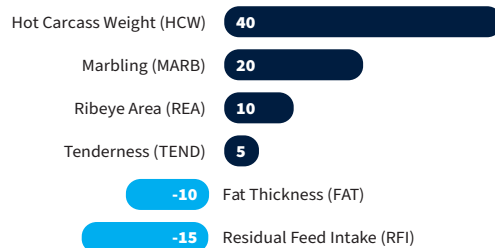
- Strengthen the cow herd with boosts in stayability and calving ability.
- Drive premiums with more marbling and heavier carcass weights.
- Improve efficiency and lower costs.



Igenity Terminal Index (ITI)

ITI combines genetics for growth, efficiency, and carcass merit into one terminal score.

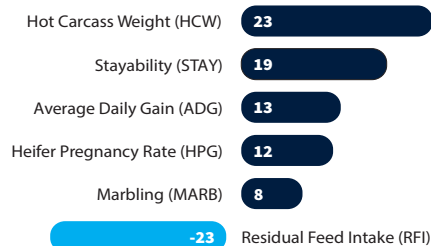
- Identify cattle with genetic potential to perform in the feeding phase.
- Pinpoint cattle with truly elite carcass performance.
- Target cattle that fit grid-based marketing and value captured at harvest.



Sustainability Index (SI)

SI is built to rank cattle based on their genetic potential for efficiency, leading to long-term sustainability.

- Focus selection on cattle with high yield while enhancing feed efficiency.
- Maintain progress for more fertile, longer-living females.
- Increase profit potential and reduce environmental impacts.



Additional Indexes

Sustainability Dollars (\$\$) uncovers the economics behind the traits that drive sustainable practices.

Methane Emissions Intensity Index (MEII) helps identify genetics associated with lower methane emissions intensity.

Days of Feed (DOF) uses a proprietary formula to optimize the feeding period for fed cattle, leading to operational efficiencies and greater return.

Total Cow Index (TCI) pairs the traits used in the maternal index with Envigor™ results, providing a tool for producers who want to factor heterosis into their selection strategy.



Igenity Branded is a marketing program for commercial producers to verify the genetic potential of their cattle.

How it works:

- Test at least 35% of calves.
- Using IMI (Igenity Beef only) or ITI (Igenity Beef or Igenity Feeder), cattle are placed into one of four marketing groups based on the tested group's average.

Marketing Groups:



Elite

Top
Quartile



Premier

Second
Quartile



Choice

Third
Quartile



Tested

Bottom
Quartile

Igenity Branded benefits both buyers and sellers of commercial cattle.

Producers capture more value for their cattle by showcasing their stock's genetic potential.

Purchasers can manage risk by confidently buying cattle with verified genetic information.

Your Igenity team is here to help you learn more about the benefits of indexes and Igenity Branded.



Learn more at neogen.com or contact us | 877-443-6489 | 402-435-0665 | dnahelp@neogen.com



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