



**The Complete
Feedlot and
Carcass Test
for Commercial
Wagyu**

Igenity[®]
**WAGYU FEEDER
CHECK**

Igenity Wagyu Feeder Check is powered by the Australian Wagyu Association's (AWA) extensive global database, informed by breeder contributions from over 40 countries. The Igenity Wagyu Feeder Check is a genomic selection tool designed for Wagyu-influenced cattle to improve resource utilization, profitability, and resilience in high-value commercial Wagyu beef programs. Because Wagyu cattle naturally grow more slowly than other *Bos taurus* breeds due to their emphasis on intramuscular fat deposition, understanding the genetic component of key feedlot and carcass traits helps producers make more precise selection and management decisions. These insights help identify lower-performing animals that can be culled or shifted into alternative feeding programs, reducing unnecessary feed and management costs. Conversely, cattle with stronger feedlot growth potential will finish more efficiently than their contemporaries, ultimately lowering feed expenses. To build on this even further, cattle with superior carcass potential help capture greater grid premiums at harvest. This reinforces the qualities that make Wagyu so valuable and enhances consistency of high-value Wagyu products, enhancing trust in the marketplace.

Igenity Wagyu Feeder Check reports genetic predictions for five traits on a 1 to 10 scale, with a 5 being the average:

- ✓ FEEDLOT AVERAGE DAILY GAIN
- ✓ HOT CARCASS WEIGHT
- ✓ FAT THICKNESS
- ✓ RIBEYE AREA
- ✓ MARBLING

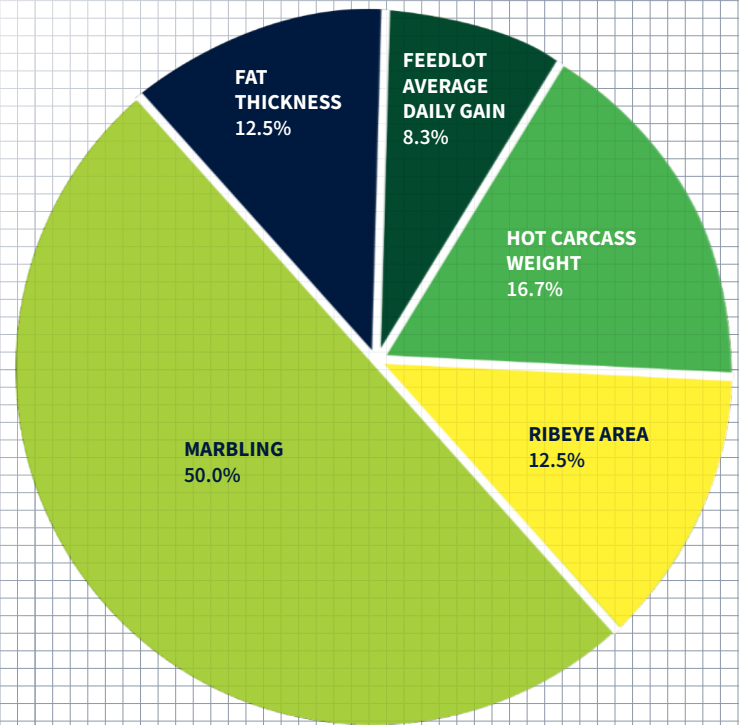


Figure 1. Trait Contributions to the Igenity Wagyu Feeder Index.

Additionally, an Igenity Wagyu Feeder Index is reported, which predicts the overall commercial value ranking of each animal in a typical Wagyu long-fed feedlot finishing program based on its genetic merit for key profitability traits. The Igenity Wagyu Feeder Index reports from 0 (low) to 100 (high) to rank cattle based on their estimated profitability. This information is based on the respective animal's genetic merit across all five individual traits.

Diverse Reference Population for Broad Wagyu Use

The genetic predictions calculated in Igenity Wagyu Feeder Check are based on a robust genomic reference population—a large group of animals with both genotypes (genomic profiles) and phenotypes (performance measurements). This diverse reference set includes 17,301 animals, composed of Purebred

Wagyu (20%), Wagyu × Angus (60%), Wagyu × Bos indicus (15%), and 5% Wagyu × non-Angus Bos taurus animals. Validation studies confirm that predictions perform similarly across these varied genetic backgrounds, allowing producers to confidently use Igenity Wagyu Feeder Check across a wide range of Wagyu F1 crosses.

For more information, visit neogen.com, or speak with your representative or your respective breed association.



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