GeneMax® Advantage is a genomic test created from a collaboration between Angus Genetics, Inc.® (AGI), a subsidiary of the American Angus Association®, Certified Angus Beef® (CAB) and Zoetis. The test, which now includes individual trait reporting for specific maternal, feedlot and carcass traits, is for use in commercial Angus replacement females (75% or greater) to help you make better-informed selection, mating and marketing decisions.

Three Economic Index Scores
GeneMax Advantage features three economic index scores that allow for easier, more dependable decision-making:

- **Cow Advantage** – Expressed as a score of 1 to 100 (the higher the score, the more desirable), this index predicts differences in potential profitability from heifer development, pregnancy and calving to the sale of weaned progeny. Plus, the report includes individual trait reporting for five specific maternal traits for more specific breeding decisions – calving ease maternal (CEM), weaning weight (WW), heifer pregnancy (HP), milk and mature weight (MW).

- **Feeder Advantage** – Expressed as a score of 1 to 100 (the higher the score, the more desirable), this index predicts differences in net return of feeder calf progeny due to growth, feed efficiency and CAB carcass merit. Plus, the results include individual trait reporting for five feedlot and carcass traits for more specific breeding decisions – gain, carcass weight (CW), marbling (Marb), ribeye area (RE) and Fat.

- **Total Advantage** – Also expressed as a score of 1 to 100 (the higher the score, the more genetic potential), this index predicts differences in potential profitability from genetic merit across all economically relevant traits captured in the Cow and Feeder Advantage index scores.

### Five Maternal and Five Feedlot/Carcass Traits for GMX Advantage

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TO SELECT YOUR BEST, IT HELPS TO HAVE AN ADVANTAGE
**IMPLEMENTING GENEMAX® ADVANTAGE**

GeneMax Advantage information enables more timely and efficient breeding decisions to help increase productivity and net return:

- Select females based on Total Advantage Score and correctly mate to improve Cow Advantage and/or Feeder Advantage Scores
- Eliminate or correctly mate for reduced feed cost and improved docility and tenderness
- Minimize inbreeding and use results to better inform future Angus bull buying
- Plus, GeneMax Advantage test results can be used in feeder cattle marketing programs to better inform price discovery when selling untested steer mates

GMX is not intended for use in registered Angus females or bulls. The predictions obtained with GeneMax® Advantage are not incorporated into the AGI's NCE and do not influence the GE-EPDs of registered animals.

**ORDERING TESTS**

More information and electronic ordering of Zoetis HD50K and GeneMax Advantage can be found at www.angus.org/agi or genemaxadvantage.com. Samples and completed order forms must be submitted to:

Angus Genetics, Inc. (AGI)
3201 Frederick Ave.,
Saint Joseph, MO 64506
Phone: 816-383-5100

Allflex® tissue samples are recommended for GeneMax Advantage.

**LEARN MORE**

GeneMax Advantage Technical Summary is available by contacting AGI Zoetis Genetics representative, or visiting www.angus.org/AGI or genemaxadvantage.com.