Driving the science of better breeding

There's little room for error in the cattle business. Producers need the most advanced information to make smart selection decisions, and Angus Genetics Inc. (AGI) provides it through genomic-enhanced expected progeny differences (GE-EPDs).

EPDs that traditionally contained all pedigree, performance and progeny information now also include results from available genomic, or DNA, tests. Breeders who use genomic technology give buyers access to AGI-generated GE-EPDs that provide:

Increased predictability and decreased risk for young and unproven animals due to enhanced accuracy of EPDs

Better characterization of genetics for difficult-to-measure performance traits (such as carcass traits, maternal traits and feed efficiency)

The ability to make more rapid progress for traits that are important to you, due to:
- more accurate selection
- easier identification of genetic outliers
- the ability to propagate young animals with confidence earlier in their lives

In fact, GE-EPDs on unproven animals have the same amount of accuracy as if they have recorded an average of 15 progeny, depending on the trait. That's valuable insight, offered regularly through the breed's weekly national cattle evaluation at www.angus.org.

How do you know if EPDs are genomic-enhanced?
Ask your breeder, refer to the registration paper, or look for the AGI GE-EPD logo, Angus GS ™ powered by partner Neogen or the HD50k by partner Zoetis.