

PHENOTYPES & THE GENETIC EVALUATION

Listed phenotypic traits display those submitted to Angus Herd Improvement Records. Phenotypic traits listed in **bold** are included in the genetic evaluation. There are a variety of reasons why phenotypes may not be included in the genetic evaluation, depending on the trait.

In general, the checklist below can help answer questions about why traits are not included in the genetic evaluation.

WHY ARE PHENOTYPES NOT INCLUDED IN THE EPD'S?

TIMING: Has the data had the opportunity to be included in the genetic evaluation?

- The genetic evaluation runs Friday to Friday. The evaluation starts each Friday night and EPDs are updated the following Friday morning.
- Data submitted Monday – Friday would have the opportunity to be in the evaluation results the following Friday.

DATA GUIDELINES: Was the data collected following the guidelines?

- Phenotypes collected on animals not in the correct age window are not included in the genetic evaluation.

CONTEMPORARY GROUP: Is the animal in a single contemporary group?

- Animals in a single animal contemporary group will not be included in the genetic evaluation. Most traits require a minimum of 2 head in a contemporary group.

VARIATION: Was there variation in the phenotypes?

- For scores that are collected, variation within a group is required.

ET CALVES: Was the animal an embryo transfer (ET) calf?

- In vitro fertilization (IVF) ET calves do not have birth, weaning, or yearling weights included in the evaluation.
- ET calves from unregistered recipients do not have birth, weaning weights, or yearling included in the evaluation.

If you have further questions, contact angus@angus.org or call the office at 816.383.5100

