

Draft Guidelines

Reporting Genetic Predictions from National Cattle Evaluation for Carcass Traits

BIF Genetic Prediction Committee

September 29, 2006

Location in the BIF Guidelines:

It is suggested to place these recommendations in Chapter 5, National Cattle Evaluation, under the heading of “Performance Traits”, on page 51 of the current edition. There, the following statement appears:

“Carcass traits are presumed to be measured on an age-constant basis. Carcass measures could be from slaughter data, live animal data (ultrasound, etc.), or a combination of both data types.”

Replacing that statement with the following is suggested:

“Whenever possible, carcass data from harvested fed cattle and ultrasound measurements from yearling breeding bulls and heifers should be jointly analyzed with multiple trait models. Such an evaluation would provide genetic predictions for both carcass and ultrasound measurements, but since the carcass measurements are the economically relevant traits, the carcass trait predictions and their associated accuracy values should be published for use in selection. Both carcass and ultrasound measurements should be evaluated on an age-constant basis.”