

Canadian Angus Association's Canadian Balanced Index

New

EPDs for new traits that are economically relevant are being developed and introduced to Canadian Angus members continuously.

Applying EPDs for all these traits into selection and breeding decisions can be challenging. Therefore, the Canadian Angus Association has worked to develop an Economic Selection Index that includes the EPDs for all traits. Traits are weighted in the index based on their economic impact on the Canadian commercial operation.

The Canadian Balanced Index is expressed in terms of Canadian dollars and reflects the expected difference in profits between bull's progeny.

For example:

Bull A CBI = \$250

Bull B CBI = \$150

On average, progeny from Bull A will be \$100 more profitable in a Canadian commercial operation than the progeny from Bull B.

The best way to get the Index for your animals is to Angus GS test them. Angus GS stands for Angus Genomic Selection. This name reflects the aim of the test to give Angus breeders and their customers a tool designed to guide whole-herd selection, mating management and breed-improvement decisions, as well as denoting the value of seedstock cattle. You can order your Angus GS test through the Association.

If you have any questions about the Canadian Angus Association's new Canadian Balanced Index please do not hesitate to contact Kajal Devani at kdevani@cdnangus.ca or 403-537-5604.

WHAT IS INCLUDED IN THE CANADIAN BALANCED INDEX:

GROWTH TRAITS

Birth Weight EPD
Weaning Weight EPD
Milk EPD
Yearling Weight EPD
Residual Daily Gain EPD

MATERNAL TRAITS

Calving Ease Direct EPD
Calving Ease Maternal EPD
Heifer Pregnancy EPD
Docility EPD
Mature Weight EPD
Foot Angle EPD
Foot Claw EPD

CARCASS TRAITS

Marbling EPD
Rib Eye Area EPD
Back Fat EPD

