Australian Wagyu Selection Indexes

There is one selection index calculated for Australian Wagyu animals. This is the Fullblood Feedlot Index.

The Wagyu Fullblood Terminal Index (FTI) utilises the Carcase Weight EBV and the Marble Score EBV, being the traits which determine the price of Wagyu carcases.

The assumptions are a 420kg carcase, a base price of $8.50/kg carcase weight (average for carcase with a marble score of 7) and an increase/decrease in value of the carcase of $1 per kilogram per marbling score. It is assumed that only half of the difference in EBVs will be passed on to the progeny because only half the genes come from the sire.

If a sire has a Carcase Weight EBV of 0 and a Marble Score EBV of +0.0 it will have an Index of zero.

If a sire has a carcase weight EBV of +20 and a Marble Score EBV of +2.0 the value of the additional 10kg of carcase weight is $85 (10kg @ $8.50) and the value of one additional marble score is $430 (430kg @ $1). The sire will have an Index of +$515 ($85 + $430). The sire will add $515 to the value of its progeny on average compared to a sire with a zero Index.

If a sire has a carcase weight EBV of -20 and a Marble Score EBV of -2.0 the reduction in value due to the reduced carcase weight will be -$85 (-10kg @ $8.50) and the reduction in value of the one less marble score will be -$410 (410kg @ $1) It will have an Index of -$495 ($85 - $410) The value of the progeny of this sire will be on average $495 less than a sire with a zero Index.

If you have any further queries regarding Wagyu Selection Indexes, please do not hesitate to contact staff at BREEDPLAN.