**Interpreting Brahman Selection Indexes**

There is currently only one selection index calculated for Australian Brahman animals. This is the Jap Ox Index.

The **Jap Ox Index** estimates the genetic differences between animals in net profitability per cow joined for an example commercial herd targeting pasture finished steers for export markets. Steers are assumed to be pasture grown & finished, weighing 600 kg live weight or 325 kg carcase weight at 32 months from a self-replacing herd run in a tropical environment. Daughters are retained in the industry for breeding.

This Jap Ox Index relates to typical self-replacing Brahman herds in tropical Australia targeting Jap Ox specifications.

All selection indexes are reported as an EBV, in units of relative earning capacity ($) for a given production/market scenario. They reflect both the short term profit generated by a sire through the sale of his progeny, and the longer term profit generated by his daughters in a self replacing cow herd.

All selection index values have been derived using BreedObject technology. More detailed information regarding this selection index is provided on the following page. Further information is also available in the Tip Sheet titled “Selection Indexes – A General Introduction”.

*If you have any further queries regarding Brahman Selection Indexes, please do not hesitate to contact staff at BREEDPLAN.*
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The following bar graph shows the key economic traits that are important in this selection index. The different trait emphases reflect the underlying profit drivers in a typical self-replacing commercial Brahman herd in tropical Australia targeting Jap Ox specifications.

Considering the genetic relationship between the key profit drivers and the EBVs that are available, this transposes to the following EBV emphases. The sign indicates the direction of the emphasis. For example, greater 600 Day Weight EBVs and shorter Days to Calving EBVs are favoured.