AGPRO™ TECHNOLOGY

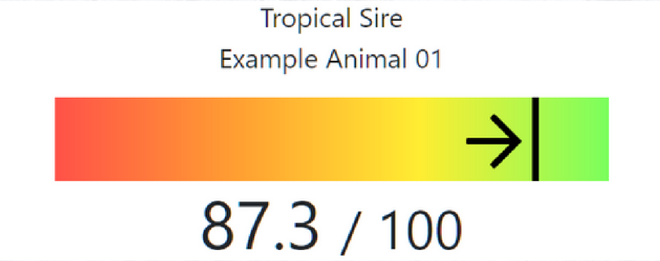
GRAZIER

Stock Productivity Index

- The AgPro Stock Productivity Index is a cross-breed analysis for livestock breeders and producers supporting a variety of breeding goals; Temperate vs Tropical, Sire vs Dam, and Breeder vs Terminal lines.
- Individual traits for each animal are recorded and compared against the optimal Target Breeding Range to calculate a trait score 1 to 100
- Traits are grouped by FERTILITY, GENOMICS, GROWTH, BEHAVIOURAL and CARCASS; with custom weighting for each index. For example, the Breeder indices put a high value on FERTILITY and GENOMICS, while Terminal indices are weighted toward GROWTH and CARCASS scores
- We calculate a total weighted score 1 to 100 for your animal, representing our estimate of the total commercial value of this breeding animal
- Register as an AgPro Grazier (AU$25/month subscription) to begin importing and analysing your herd!

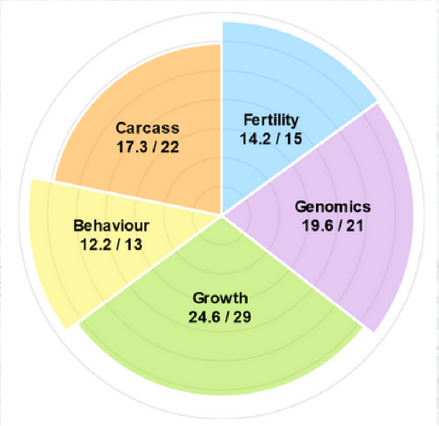
How to Interpret to AgPro Livestock Reports

1. Overall Stock Productivity Index



The overall/total weighted index for an animal. This example is calculated for the Tropical Sire index which aims to produce fertile and hardy animals for tropical environments, without compromising on meat quality. 75 is an average animal score, so 87.3 indicates a good quality animal. 90+ suggests an outstanding animal.

2. Weighted values chart



This chart displays the breakdown of the total 87.3/100 into each group. The total weight for each group is are determined by the index; in this example, Tropical Sire. This animal has scored 19.6/21 for genomics; an outstanding result. However, its performance in carcass traits is only average at 17.3/22.