

Natural Ecosystems Group

A Division Of 'GROSVENOR RANGE PTY LTD'.

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'Carcase Merit Index' Explanation:

The 'Carcase Merit Index' (CMI) is based upon the Live Weight(LW), Eye Muscle Area(EMA), Fat Depths(FD) and Intramuscular Fat(IMF) of the animals scanned.

Animals with heavy LW, large EMA, least FD and high IMF will be rated highest by the 'CMI'.

'Carcase Merit Index' Standards:

All Cattle Breeds: -

The 'Carcase Merit Index' standards are continually being updated with incoming data. At this stage, the following values will be offered as a guide,

1. Eye Muscle Areas(EMAs) greater than 100 cm sq. for either sex and all ages excluding cattle under 6 months, is a very good result.
2. Fat Depths measured on both the Rib and Rump of >3mm and <10mm are ideal results.
3. Intramuscular Fat(IMF) measured at the Rib of >1.0 will be an ideal result for Domestic & Other Trade cattle.
4. Carcase Merit Index;

	<u>Bulls/Steers -</u>	<u>Cows/Heifers -</u>
- Mature: (48 months)	> 3500 - Super Elite 2700-3500 - Elite 2000-2699 - Standard <u>< 2000 - Sub Standard</u>	> 1750 - Super Elite 1350-1750 - Elite 1000-1349 - Standard <u>< 1000 - Sub Standard</u>
- Mature: (36 months)	> 3180 - Super Elite 2430-3180 - Elite 1800-2429 - Standard <u>< 1800 - Sub Standard</u>	> 1580 - Super Elite 1220-1580 - Elite 890-1219 - Standard <u>< 890 - Sub Standard</u>
- Two Year Old: (24 months)	> 2660 - Super Elite 1950-2660 - Elite 1350-1949 - Standard <u>< 1350 - Sub Standard</u>	> 1150 - Super Elite 1040-1150 - Elite 725-1039 - Standard <u>< 725 - Sub Standard</u>
- Yearling: (18 months)	> 2093 - Super Elite 1500-2093 - Elite 1015-1499 - Standard <u>< 1015 - Sub Standard</u>	> 963 - Super Elite 820-962 - Elite 562-819 - Standard <u>< 562 - Sub Standard</u>
- 12 Months:	> 1525 - Super Elite 1050-1525 - Elite 680-1049 - Standard <u>< 680 - Sub Standard</u>	> 775 - Super Elite 600-775 - Elite 400-599 - Standard <u>< 400 - Sub Standard</u>
- 6 Months:	> 750 - Super Elite 500-750 - Elite 340-499 - Standard <u>< 340 - Sub Standard</u>	> 400 - Super Elite 300-400 - Elite 200-299 - Standard <u>< 200 - Sub Standard</u>