

Timeline



What is 200 Day Growth?

- The liveweight of an animal at approximately 200 days after birth.
- A measure of animal's pre-weaning growth from birth to 200 days (weaning).
- Measured in kilograms (kg) to the nearest kg.

Why Record 200 Day Growth?

- Live weight is an important economic factor.
- Recording 200 Day Growth enables BREEDPLAN to calculate 200 Day Growth and Milk EBVs.
- Weight EBVs (Birth Weight, 200 Day Growth, 400 Day Weight, 600 Day Weight and Mature Cow Weight) are genetically correlated.

When to Record 200 Day Growth?

- Can be measured within the age range of 80 to 300 days after birth to accommodate management practices:
 - A weighing date should be chosen such that the average group age is approximately 200 days after birth and before calves are physically weaned.
 - Weigh ALL weaner calves on the same day.
 - BREEDPLAN will correct for the number of days prior to or post 200 days within this age range.

How Many 200 Day Growth Measurements does BREEDPLAN Use?

- BREEDPLAN analyses up to two 200 Day Growth measurements to calculate the 200 Day Growth EBV.
- It is not required to record two 200 Day Growth measurements, however this will increase the accuracy of the 200 Day Growth EBV and it is particularly beneficial for the calculation of Milk EBVs.
- If two 200 Day Growth measurements are recorded, BREEDPLAN recommends a minimum of 30 days between each measurement and that all animals in the group are weighed both times.

200 Day Growth EBV

- Estimates of the genetic differences between animals in liveweight at 200 days of age due to their genetic potential for growth.
- A prediction of the animal's genetic potential for early growth to weaning (200 days).
- Reported in kilograms (kg).
- The larger the group of animals weighed together for 200 Day Growth, the more accurate the 200 Day Growth EBV.

Interpreting 200 Day Growth EBVs

- Larger, more positive 200 Day Growth EBVs are generally more favourable, for example:
 - A bull with a 200 Day Growth EBV of +30 kg would be expected to produce heavier calves at 200 days of age (or weaning) compared to a bull with a 200 Day Growth EBV of +10 kg.

More Information

Scan the QR code alongside or click [here](#) for the BREEDPLAN Help Centre.



Recommended further reading (search in the BREEDPLAN Help Centre):

- Recording Information for Weight Traits (200, 400 & 600) (with video)
- How many 200, 400 & 600 Day Weights Does BREEDPLAN Use?
- Understanding Weight EBVs (200, 400 & 600 Day Weight)
- How do I use the Suggested Weigh Dates?