

## **SHORTHORN NZ EBV's Explained**

BREEDPLAN EBVs and selection indexes remove the effects of non-genetic factors (e.g. feeding regimes, animal age) from what is seen and measured to provide the best measure of an animal's genetic merit. BREEDPLAN information should always be used in conjunction with other selection criteria, including visual assessment.

### **A BEST PRACTICE GUIDE TO SELECTING YOUR NEXT NEW ZEALAND SHORTHORN SIRE**

A BREEDPLAN Guide to Animal Selection allows you to select the best genetics for your herd in four easy steps:


1. Identify the New Zealand Shorthorn selection index of most relevance to you.
2. Rank animals using the chosen selection index.
3. Consider the individual EBVs of importance.

4. Consider other traits of importance (e.g. visual assessment).

The majority of these steps can be undertaken online, allowing you to generate a shortlist of bulls for potential purchase ahead of sale day. The searchable version of this catalogue can be found online at <https://www.shorthorn.co.nz/> or at Pivot Design: [www.pivotdesign.co.nz/catalogues](http://www.pivotdesign.co.nz/catalogues)

### **NEW ZEALAND SHORTHORN BREEDPLAN**

The New Zealand Shorthorn Association publishes the following BREEDPLAN EBVs and Selection Indexes. Please note that only EBVs from the same BREEDPLAN analysis can be directly compared.

Growth EBVs	Fertility & Birth EBVs	Carcase EBVs	Selection indexes
Birth Weight	Scrotal Size	Carcase Weight	Self Replacing Index
200 Day Growth	Days to Calving	Eye Muscle Area	Dairy Index
400 Day Growth	Gestation Length	Rib Fat	Scan below for more detail
600 Day Growth	Calving Ease Direct	Rump Fat	
Milk (Maternal)	Calving Ease Daughters	Retail Beef Yield	
Mature Cow Weight		Intramuscular Fat	

More information, including EBV descriptions and how to use them, can be found in the **Using & Understanding BREEDPLAN EBVs** booklet. Scan the QR code for details.



<https://breedplan.une.edu.au/media/dtqpdm34/using-and-understanding-breedplan-ebvs.pdf>

**Selection Indexes detail can be found at:**

<https://breedplan.une.edu.au/media/f1bh1b4n/using-new-zealand-hereford-selection-indexes.pdf>