

Friday, 27th August 2021 at 1.00pm

The Harbison Family, 'Dunoon', HOLBROOK, NSW 2644 Jock: 0429 369 299



163 Bulls Sell



Dunoon Prime Minister P758sv

FRIDAY, 27TH AUGUST 2021

All Dunoon bulls:

- have TACE figures
- have been structure assessed
- have been temperament assessed
- carry the Dunoon guarantee
- have delayed payment available to all buyers
- have been tested negatuve for Pestivirus







Auctioneer: Lincoln McKinlay
This sale will be Covid-19 Compliant

FRIDAY, 27TH AUGUST 2021

Offering 163 Bulls

Sale Commences: 1.00pm at 'Dunnon', Holbrook Location: 22kms east of Holbrook on Jingellic Road

Sale is interfaced with AuctionsPlus

Morning Tea and Luncheon at 'Dunoon'



Dunoon Angus - The Harbison Family

Roger & Jane ph: (02) 6036 9225 'Dunoon' fax: (02) 6036 9221

Dulloon 14% (62) 6666 7223

Jock & Natasha ph: (02) 6036 9299 'Timaru' mob: 0429 639 299



Buy and Sell stock nationally

email: dunooncattleco@bigpond.com

Selling Agents - Elders

 Matt Tinkler
 0429 387 939

 Jenni O'Sullivan
 0428 222 080

 Ross Milne
 0408 057 558

 Lincoln McKinlay
 0400 552 458



All EBVs in this catalogue are Mid - July 2021 TransTasman Angus Cattle Evaluation

Dear Fellow Cattle Producers.

Welcome to our 41st Angus Bull Sale, which is being held on Friday, 27th August at 'Dunoon', starting at 1pm.

We've catalogued 163 bulls - with a range of new genetics. These bulls are an impressive group with several new sires represented along with a number of proven sires, and of course there are quite a few young bulls sired by our own yearlings.

As is normal practice now, all of our sale bulls have been Sire Verified, tested for Genomics, plus they've all had their two shots of Pestiguard, Bovius MB+IBR, Vibriomax, Ultravac 7 in 1, and a Dectomax Pour On Drench, to ensure that these bulls are as "paddock-ready" as we can make them!

The new sires in this catalogue include Rennylea L519, Lawsons Momentous M518, Landfall Keystone K132 and G A R Drive. All of these sires have bred well and are well represented througout the catalogue.

Sires who have had sons in our sales before include Rennylea L508 and Topbos Leading Edge L292. Both of these sires have "terrific" groups of sons in this sale, so don't miss them!

Then we have our own yearlings - each year we use many of our young bulls to "back-up" our extensive Al programs. These bulls work hard and perform very well, with many sons in thid sale.

Lots 1 - 25 were all used over our heifers and cows last spring and most came out of the cows on the 21/12/2020. We are very pleased with how these bulls will present - while they are a few kilos behind the other sale bulls, they have held up particularly well and we feel there are some very good young bulls in this group. They are selected to use on genetics, type, EBVs and actual birth weights.

We've had Brandon Sykes from BJS Livestock Photography video all the bulls. Brandon is the best in the business, so why not have a look at the videos, either on YouTube, AuctionsPlus, the Dunoon Angus Facebook page or Angus Australia. On YouTube search "Dunoon Angus Spring Bulls 2021" and the playlist will be in front of you, ready to watch!

Importantly, this sale will be COVID-19 compliant, whatever the rules may be on the day, the sale will go ahead! If travel restrictions apply, give Jock a call to help raise a permit, or bid remotely via AuctionsPlus, or by phone. If, closer to the time, you are unsure, please give Jock a call to discuss.

With what has been a terrific 12 months to be in the cattle industry, well done to everyone who has capitalised on the strong markets and received premium prices for their stock! Jock has had many calls from clients saying how well their stock looked and sold, and with all of the worlds problems at present, what a great time it is to be breeding cattle!

Kind Regards, The Harbisons

INSPECTION

All lots catalogued for sale are available for inspection anytime prior to sale by appointment, and from 9.00a.m. on Sale Day – Friday 27th August.

TERMS

We are offering the option of "Buyer Friendly" terms to all buyers.

The option terms are as follows:-

(A) Normal Settlement Terms:

ΩR

(B) One half of purchase price to be paid on receipt of invoice, with balance payable on Dec 10th 2021, interest free.

If you wish to take "Buyer Friendly" terms, you must nominate this clearly to the sale office at the completion of the sale. Late decisions will not be accepted.

HEALTH

See 1/2 page on Health (page 6).

JBAS - Dunoon is a JBAS 6 Herd.

Scrotal Measurements were taken on the 14/04/2021.

"THE DUNOON 2 YEAR GUARANTEE"

All breeding cattle sold by Dunoon are fertile and structurally sound to the best of our knowledge. If an animal becomes infertile or breaksdown due to reasons other than injury or misadventure, at any time in the next 24 months, we will:-

- 1. Provide you with a satisfactory replacement if available, or
- 2. Issue you with a credit equal to the purchase price less the salvage value that may be used to purchase any animal in future Dunoon sales.

This is not a Life Insurance Policy. Normal care needs to be taken as we cannot replace an animal that is injured or dies for any reason.

We recommend you insure all animals purchased against injury and death. An insurance representative will be available on sale day.

Any claims are to be accompanied by a certificate from a registered veterinarian. All vet costs are the responsibility of the purchaser.

SEMEN COLLECTION

Each bull is being sold with 100% possession, marketing and ownership. Dunoon is reserving the right, (if desired in the future), to collect semen in any bull, for our own inherd use only. All costs associated with the collecting of semen would be met by Dunoon, and collection would be done at a time suitable to the purchaser. The purchaser would have total control of the bull, including any marketing of the physical bull or semen.

If you have any concerns about this, please contact Jock.

HEALTH

DRENCH: All bulls were drenched with **Cydectin Pour On** on the 20th July 2021.

This year all of our bulls have had the following vaccinations:

2x Ultravac 7 in 1: Used for the routine immunisation of cattle for the prevention of pulpy kidney, tetanus, black disese, malignant oedema, blackleg and leptospirosis.

2x Pestigard: Is a vaccine used for the prevention of BDV - otherwise known as bovine pesivirus in cattle.

2x Vibrovax: A vaccine used for the prevention of infertility and abortion in cattle caused by vibriosis.

2x Bovilis MH + IBR: Our initial trials have shown that the vaccine is aiding in the prevention of penile infections in bulls.

NOTICE TO BUYERS

Our bulls are run in large contemporary groups until two months before the sale, when they are split up into their smaller mobs. Listed below is how the bulls have been running in the lead up to the sale.

LOTS 1 - 13 are mates	LOTS 94 - 112 are mates
LOTS 14 - 25 are mates	LOTS 113 - 128 are mates
LOTS 26 - 48 are mates	LOTS 129 - 155 are mates
LOTS 49 - 70 are mates	LOTS 156 - 163 are mates
LOTS 71 - 93 are mates	

SALE DAY SAFETY

All the sale bulls have been screened for temperament and are quiet to handle under normal circumstances. However, there are inherent risks associated with cattle handling.

VISITORS ENTER THE CATTLE PENS AT THEIR OWN RISK. <u>CHILDREN MUST NOT ENTER THE YARDS.</u>

People entering the yards are at the risk of injury. Be especially alert for bulls fighting. We do not expect the bulls to be aggressive with humans, but sale day places extraordinary pressure on them as they experience an entirely foreign environment. Remeber the quietest bull is in fact an unpredictable animal.

Do not crowd the bulls or loiter inside the pens.

Don't enter the pens unnecessarily.

CHILDREN UNDER 16 YEARS OF AGE <u>ARE NOT</u> PERMITTED IN PENS.

DISCLAIMER

Animal details included in this catalogue, including but not limited to pedigree, DNA information, Estimated Breeding Values (EBVs) and Index values, are based on information provided by the breeder or owner of the animal. Whilst all reasonable care has been taken to ensure that the information provided in this catalogue was correct at the

time of publication, Angus Australia will assume no responsibility for the accuracy or completeness of the information, nor for the outcome (including consequential loss) of any action taken based on this information.

PARENT VERIFICATION SUFFIXES

The animals listed within this catalogue including its pedigree, are displaying a Parent Verification Suffix which indicates the DNA parent verification status that has been conducted on the animal. The Parent Verification Suffixes that will appear at the end of each animal's name.

The suffix displayed at the end of each animal's name indicates the DNA parentage verification that has been conducted by Angus Australia.

PV: both parents have been verified by DNA.

SV: the sire has been verified by DNA.

DV: the dam has been verified by DNA.

#: DNA verification has not been conducted.

E: DNA verification has identified that the sire and/or dam may possibly be incorrect, but this cannot be confirmed conclusively.

NOTICE TO ALL AGENTS & BUYERS - SALE REBATES

- 1. A rebate of 2% will be paid to all outside agents who attend this sale with or on behalf of their client(s) and settle within 7 days.
- 2. A discount of 2% will be given to all buyers who do not settle through an agent, and pay in full on sale day. Dunoon's 'Buyer Friendly Term' cannot be used if discount is given.
- 3. If you are not using an agent, or not paying on sale day, an invoice will be sent to you, and you can pay after receiving this invoice.

<u>PLEASE NOTE:</u> ONLY <u>ONE</u> OF THE ABOVE <u>THREE</u> CLAUSES CAN BE USED ON ANY ONE LOT.

INSURANCE

We recommend insuring your new bulls - we insure all new bulls we buy for the first 12months - you are best to insure the bulls with your own insurance company or a company you are happy with.

NLIS

All NLIS transfers are the responsibility of the purchaser.

TRANSPORT

If you have your own transport, please tell the office staff at the time of settlement, otherwise Jock will organise the transport of your bulls for you. They will be transported efficiently, safely and at a time that suits you - the buyer. All buyers will be contacted <u>before</u> the bulls are loaded at "Dunoon".

TIPS & TOOLS



A Quick Guide to Angus Selection Indexes

There are four selection indexes calculated for animals within the TransTasman Angus Cattle Evaluation (TACE) analysis.

- Angus Breeding Index
- Domestic Index
- Heavy Grain Index
- Heavy Grass Index

The Angus Breeding Index is a general purpose selection index that is suitable for use in the majority of commercial beef operations, whereas the Domestic, Heavy Grain and Heavy Grass selection indexes are specific to beef operations targeting a defined production system and market endpoint.

Angus Breeding Index - estimates the genetic differences between animals in net profitability per cow joined in a typical commercial self replacing herd using Angus bulls.

This selection index is not specific to a particular production system or market end-point, but identifies animals that will improve overall profitability in the majority of commercial grass and grain finishing beef production systems.

The Angus Breeding Index is particularly suited to commercial producers who sell progeny into different markets, or to seedstock producers supplying bulls to commercial clients who produce for a range of different production systems and market end points.

Domestic Index - estimates the genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting the domestic supermarket trade.

Steers are assumed to be finished using either grass, grass supplemented by grain or grain (eg. $50-70\,\mathrm{days}$) with steers slaughtered at 490 kg live weight (270 kg carcase weight with 12 mm P8 fat depth) at 16 months of age. Daughters are retained for breeding and therefore maternal traits are of importance. Emphasis has been placed on eating quality and tenderness to favour animals that are suited to MSA requirements.

Table 1: Selection Index Descriptions Angus · Self replacing herd Breeding Daughters are retained for breeding Index · Identifies animals that will improve overall profitability in the majority of commercial grass and grain finishing production systems Domestic · Self replacing herd Index · Daughters are retained for breeding · Steer progeny finished on either pasture, pasture supplemented with grain, or grain targeting the domestic supermarket trade · Steer progeny slaughtered at a carcase weight of 270 kg at 16 months of age · Eating quality traits important to suit MSA program **Heavy Grain** · Self replacing herd Index · Daughters are retained for breeding · Steer progeny pasture grown with a 200 day feedlot finishing period · Steer progeny slaughtered at a carcase weight of 420 kg at 24 months of age · Targeting high quality, highly marbled markets with a significant premium for superior marbling **Heavy Grass** Self replacing herd Index · Daughters are retained for breeding · Steer progeny finished on pasture · Steer progeny slaughtered at a carcase weight of 340 kg at 22 months of age · Eating quality traits important to suit MSA program

Heavy Grain Index - estimates the genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting pasture grown steers with a 200 day feedlot finishing period for the grain fed high quality, highly marbled markets.

Steers are assumed to be slaughtered at 760 kg live weight (420 kg carcase weight with 30 mm P8 fat depth) at 24 months of age. Daughters are retained for breeding and therefore maternal traits are of importance. There is a significant premium for steers that exhibit superior marbling.

Heavy Grass Index - estimates the genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting pasture finished steers.

Steers are assumed to be slaughtered at 620 kg live weight (340 kg carcase weight with 12 mm P8 fat depth) at 22 months of age. Daughters are retained for breeding and therefore maternal traits are of importance. Emphasis has been placed on eating quality and tenderness to favour animals that are suited to MSA requirements.

Breeding Objective

Table 2 below shows the key objective traits that are important in the four selection indexes, reflecting the underlying profit drivers in a typical commercial self replacing operation targeting each respective selection scenario.

Table 2 : Profit Drivers									
	Angus Breeding Index	Domestic Index	Heavy Grain Index	Heavy Grass Index					
Sale Liveweight Dir. Sale Liveweight Mat. Dressing % Saleable Meat% Fat Depth (Rump) Cow Weaning Rate Marbling Score Cow Survival Rate Cow Weight Calving Ease Dir. Calving Ease Mat.	15% 4% 10% 12% 4% 20% 11% 9% -3% 9% 3%	14% 5% 11% 13% 2% 14% 7% 13% -5% 11%	16% 3% 9% 11% 0% 23% 18% 8% -3% 8%	17% 4% 11% 13% 7% 14% 6% 11% -4% 10% 3%					

Selection Traits

Considering the genetic relationship between the breeding objective and the selection traits that are available, Table 3 shows the emphasis that has been

Ta	Table 3 : EBV Weightings									
	Angus Breeding Index	Domestic Index	Heavy Grain Index	Heavy Grass Index						
Calving Ease Dir.	10%	15%	9%	12%						
Calving Ease Mat.	5%	7%	5%	6%						
Birth Weight	-1%	-1%	0%	-2%						
Milk	-3%	-3%	-3%	-3%						
200 Day Growth	-4%	-2%	-6%	-3%						
400 Day Weight	3%	19%	3%	3%						
600 Day Weight	19%	1%	18%	21%						
Intramuscular Fat	11%	9%	16%	7%						
Days to Calving	-19%	-12%	-20%	-14%						
Scrotal Size	0%	0%	0%	-1%						
P8 Fat Depth	6%	6%	3%	8%						
Eye Muscle Area	2%	2%	1%	3%						
Retail Beef Yield	12%	17%	13%	12%						
Mature Cow Weight	-4%	-6%	-2%	-7%						

placed on each EBV. The sign indicates the direction of the emphasis. For example, in all selection indexes, greater Intramuscular Fat and shorter Days to Calving EBVs are favoured.

Indicative Response to Selection

Table 4 shows the indicative change in traits after one generation if producers select animals using each of the four selection indexes.

The indicative response reflects the change if the Angus Published Sires (at the November 2014 TransTasman Angus Cattle Evaluation analysis) were ranked on this selection index and the Top 10% selected for use within a breeding program.

The response will differ if a different group of animals was available for selection and/or a different selection intensity was applied.

Table 4 : Indicative Response to Selection									
	Angus Breeding Index	Domestic Index	Heavy Grain Index	Heavy Grass Index					
Calving Ease Direct	+0.9%	+1.1%	+0.7%	+0.9%					
Calving Ease Dtrs	+1.1%	+1.3%	+0.9%	+1.2%					
Birth Weight	-0.2 kg	-0.4 kg	-0.1 kg	-0.1 kg					
Gestation Length	-0.8 days	-0.8 days	-0.6 days	-0.9 days					
200 Day Growth	+3 kg	+3 kg	+2 kg	+4 kg					
400 Day Weight	+6 kg	+6 kg	+5 kg	+7 kg					
600 Day Weight	+8 kg	+6 kg	+6 kg	+9 kg					
Mature Cow Weight	+5 kg	+1 kg	+4 kg	+5 kg					
Milk	+2 kg	+2 kg	+2 kg	+2 kg					
Scrotal Size	+0.4 cm	+0.3 cm	+0.3 cm	+0.3 cm					
Days to Calving	-1.0 days	-0.8 days	-0.9 days	-0.8 days					
Carcase Weight	+3 kg	+4 kg	+2 kg	+5 kg					
Eye Muscle Area	+1.0 cm ²	+1.4 cm ²	+1.0 cm ²	+1.1 cm ²					
Rib Fat	+0.1 mm	+0.1 mm	+0.1 mm	+0.2 mm					
Rump Fat	+0.1 mm	+0.1 mm	+0.0 mm	+0.2 mm					
Retail Beef Yield	+0.1%	+0.2%	+0.0%	+0.2%					
Intramuscular Fat	+0.5%	+0.4%	+0.7%	+0.3%					

Calculation of Selection Indexes

All selection index values have been derived using BreedObject technology, as developed by the Animal Genetics & Breeding Unit (AGBU) in Armidale, NSW.

Selection index values are reported as an EBV, in units of net profit per cow joined (\$) for the given selection scenario.

Each selection index reflects both the short term profit generated by an animal through the sale of their progeny, and the longer term profit generated by their daughters in a self replacing cow herd.







Can't make the sale? Log onto AuctionsPlus to bid from anywhere on your phone, tablet or desktop.

- REGISTER ONLINE
 Simply click 'Sign Up' to begin your free registration. To register as a buyer for livestock, you will need to provide us with a few more details.
- COMPLETE BUYER INDUTION

 The buyer induction will help you understand the roles and responsibilities of everyone on the AuctionsPlus system.
- VIEW CATALOGUE
 Photos, videos, pedigrees and other information will be available in the online catalogue.
- Log into the auction anytime, anywhere and bid on your mobile, tablet or computer.
- AUTO BID

 Can't stay for the whole sale? Set your maximum bid on the lot that you want to purchase and let the computer bid for you.
- CONTACT SELLING AGENT

 If successful, contact selling agent directly after the sale to arrange payment.
- 7 DELIVERY
 Arrange transport of livestock at your expense.

Contact AuctionsPlus on (02) 9262 4222 or www.auctionsplus.com.au

Penile Infections in Bulls

(Balanoposthitis, Granular Posthitis)

Penile infections are a common disorder in your bulls in their first joining season following introduction to a new breed.

A range of bacterial, viral and other organisms ("bugs") cause these infections with the most common being the genital form of infectious bovine rhinotracheitis (IBR) virus.

Any given property has its own population of "bugs" and if the new bulls have had no exposure previously to these "bugs" they will likely develop a penile infection on in the joining.

These penile infections can be severe with the bulls developing a reddened inflamed penis, often with pustules or ulceration on the surface, and will likely stop the bull serving due to pain.

If bulls with actibe infection are detected (red and inflamed penis) they should be isolated from females and treated with anitbiotics and anti inflammatory medication.

Oxytetracycline antibiotic therapy is the treatment of choice.

In some cases penile infections can cause extensive swelling in the prepuce and the condition can look like the bull has a broken penis or sheath injury. These bulls if treated promptly may regain normal function.

Penile infections are transient and bulls usually recover after 3 - 4 weeks. if undetected this type of disorder can cause a hugh decrease in conception rate and possible permanent infertility in the bull in a small percentage of cases.

Affected bulls may continually mount cows without serving. A sound healthy bull should serve on every 1 or 2 mounts.

Pre exposure of the bulls by joining them to a small number of females well before the normal joining is one method of ensuring young bulls have maximum immunity to the "bugs" on a property.

Achieving satisfactory pregnancy rates is essential in running a profitable beef enterprise.

For this reason the joining period is one of the most critical periods of the year.

The bulls and cows need to be observed regulary in this period to identify any problems and address them as soon as possible.

It is also advisable to pregnancy test 6 to 8 weeks following joining to ensure satisfactory pregnancy rates have been reached.

An Explanation of the Beef Class Structural Assessment Sysem

The Beef Class Structural Assessment System uses a 1-9 scoring system for feet and leg structure;

- A score of 5 is ideal;
- A score of 4 or 6 shows slight variation from ideal, <u>but this includes</u> most sound animals. An animal scoring 4 or 6 would be acceptable in any breeding program;
- A score of 3 or 7 shows greater variation but would be acceptable in most commercial programs. However, seedstock producers should be vigilantand understand that this score indicates greater variation from ideal:
- A score of 2 or 8 are low scoring animals and should be looked at cautiously and inspected very closely before purchasing;
- A score of **1 or 9** should not be catalogued and are considered immediate culls.

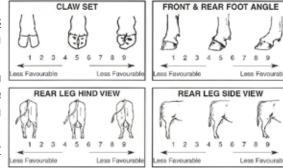
Temperament

The Temperament or docility score separtes animals from the same contemporary on their calmness in a confined area. Animals which are extremely quiet (touchable) score '1'. Animals that are aggressive or extremely agitated in the crush are scored as '5'.

Sheath

The sheath score indicates the "tightness" of the sheath. '5' is tight, '1' is loose.

For more information please contact: Jim Green 0402 003 137 or Liam Cardile 0409 572 570.





OPEN DAY

FRIDAY 20TH AUGUST 10AM - 3PM

Feel free to come and walk through the bulls at anytime.

Refreshments Available

This day will be COVID-19 Compliant

SALE DAY

FRIDAY, 27TH AUGUST @ 1PM

QUICK REFERENCE ANGUS SALE BULLS										
Lot	Ident	Sire ID	BW	Milk	600	SC	EMA	IMF	Heavy Grn	Docility
1	BHRQ143	NORL519	+3.5	+16	+116	+1.0	+9.5	+3.1	\$165	+7
2	BHRQ166	NORL519	+3.1	+10	+98	+0.6	+9.5	+3.4	\$149	+24
3	BHRQ771	NORL508	+4.0	+24	+121	+1.8	+9.2	+2.5	\$135	+3
4	BHRQ548	BHRN847	+5.1	+19	+145	+2.5	+5.5	+3.3	\$174	-3
5	BHRQ144	NORL519	+3.4	+14	+117	-0.4	+3.1	+3.7	\$149	+19
6	BHRQ108	VLYM518	+4.7	+23	+130	+3.0	+9.4	+4.3	\$179	+19
7	BHRQ703	NORL519	+6.0	+21	+145	+2.9	+6.9	+3.1	\$170	+25
8	BHRQ732	NORL519	+4.8	+19	+133	+2.2	+3.5	+3.8	\$151	+25
10	BHRQ027	TFAK132	+4.0	+13	+122	+3.2	+8.8	+2.7	\$175	+18
11	BHRQ989	BHRN021	+2.7	+15	+104	+0.8	+9.9	+3.0	\$142	-8
12	BHRQ766	NORL508	+3.8	+17	+95	+0.2	+5.3	+3.2	\$124	+5
13	BHRQ758	VLYM518	+4.5	+17	+113	+2.4	+8.3	+3.6	\$154	+24
14	BHRQ1111	BHRN115	+5.8	+15	+138	+2.2	+9.7	+4.1	\$193	+20
15	BHRQ707	NORL508	+4.2	+29	+144	+3.8	+6.8	+3.5	\$185	+8
16	BHRQ396	BHRN098	+3.1	+26	+149	+2.5	+6.3	+3.5	\$186	-6
17	BHRQ333	BHRN847	+4.7	+16	+148	+4.4	+5.6	+3.4	\$188	+7
18	BHRQ566	BHRN821	+1.7	+23	+124	+4.3	+2.0	+4.6	\$181	-1
19	BHRQ146	NORL519	+5.2	+11	+125	+0.3	+4.2	+5.0	\$179	+24
20	BHRQ891	DBLL292	+6.2	+17	+149	+2.5	+4.0	+2.3	\$173	+6
21	BHRQ317	BHRN185	+2.4	+17	+132	+3.2	+8.0	+3.2	\$175	+14
22	BHRQ769	NORL508	+4.1	+21	+117	+2.7	+4.2	+4.3	\$167	+10
23	BHRQ561	BHRN043	+4.3	+9	+113	+1.7	+9.0	+2.9	\$155	-5
24	BHRQ124	NORL519	+3.2	+22	+124	+1.5	+6.7	+2.0	\$137	+11
25	BHRQ159	VLYM518	+3.5	+22	+96	+1.1	+12.7	+3.6	\$136	+17
26	BHRQ1163	BHRN394	+3.0	+21	+127	+2.8	+5.2	+5.0	\$186	+8
27	BHRQ158	DBLL292	+3.7	+20	+139	+1.7	+3.7	+3.0	\$175	+19
28	BHRQ781	DBLL292	+4.1	+18	+148	+0.6	+7.8	+2.6	\$172	+17
29	BHRQ1105	BHRN204	+4.4	+16	+127	+3.1	+3.5	+2.9	\$167	+16
30	BHRQ904	SMPK7	+4.2	+14	+130	+3.5	+7.7	+1.9	\$160	+4
31	BHRQ129	NORL508	+6.6	+27	+127	+3.3	+7.2	+2.6	\$156	+7
32	BHRQ182	TFAK132	+4.2	+16	+133	+2.7	+8.6	+2.0	\$156	+19
33	BHRQ976	BHRK1372	+6.9	+21	+130	+2.6	+5.4	+3.5	\$157	+11
34	BHRQ759	HIOG18	+5.0	+17	+128	+2.4	+10.8	+1.8	\$151	-4
35	BHRQ1159	BHRN252	+6.1	+18	+125	+3.8	+7.3	+3.6	\$147	-14
36	BHRQ598	BHRN043	+5.4	+13	+119	+1.7	+14.6	+1.5	\$146	-1
37	BHRQ579	BHRN246	+6.4	+15	+149	+1.9	+1.1	+1.4	\$146	+8
38	BHRQ998	BHRN394	+4.8	+20	+130	+2.3	+6.3	+3.0	\$149	+8
39	BHRQ1100	BHRN320	+4.6	+21	+127	+4.2	+0.3	+3.4	\$140	+7
40	BHRQ1700	DBLL292	+6.5	+20	+110	+0.9	+8.1	+3.1	\$138	+15
41	BHRQ329	BHRN956	+4.6	+17	+115	-0.1	+1.5	+3.4	\$137	+9
42	BHRQ796	HIOH9	+4.3	+22	+97	+1.0	+7.1	+4.3	\$136	+20
43	BHRQ386	NORL519	+4.8	+22	+117	+1.7	+2.4	+3.2	\$135	+26
44	BHRQ933	SMPK7	+2.2	+15	+99	+0.9	+6.1	+2.2	\$134	-1
45	BHRQ1120	BHRN077	+3.7	+11	+131	+1.5	+3.3	+1.2	\$129	+14
D	unoon Sale Bull	Average	+4.2	+19.3	+121.2	+2.4	+6.5	+2.9	+150.5	+12.3

Lot	Ident	Sire ID	BW	Milk	600	SC	EMA	IMF	Heavy Grn	Docility
46	BHRQ198	VLYM518	+3.7	+21	+97	+2.7	+3.4	+3.6	\$117	+10
47	BHRQ169	VLYM518	+4.8	+18	+103	+0.5	+9.4	+2.9	\$113	+16
48	BHRQ535	BHRN169	+4.3	+12	+108	+0.8	+5.1	+2.2	\$108	+7
49	BHRQ763	NORL519	+1.1	+21	+95	+1.9	+8.0	+4.5	\$172	+24
50	BHRQ773	NORL519	+4.4	+13	+129	+1.5	+6.7	+3.3	\$169	+7
51	BHRQ900	NORL519	+6.0	+14	+121	+1.6	+6.0	+3.5	\$167	-3
52	BHRQ597	BHRN087	+4.1	+17	+133	+0.5	+3.7	+4.5	\$167	+9
53	BHRQ725	TFAK132	+3.2	+18	+120	+0.1	+7.3	+2.7	\$160	+17
54	BHRQ790	VLYM518	+5.1	+20	+121	+2.4	+8.7	+4.1	\$158	+16
55	BHRQ1104	BHRN318	+5.6	+16	+132	+2.0	+6.2	+2.3	\$159	+3
56	BHRQ304	NORL508	+2.6	+27	+105	+2.4	+6.5	+3.8	\$153	+5
58	BHRQ901	VLYM518	+4.8	+24	+102	+2.9	+12.1	+3.9	\$148	+12
59	BHRQ964	BHRN190	+5.8	+11	+97	+1.1	+6.4	+2.5	\$97	-6
60	BHRQ1110	BHRN322	+3.1	+17	+104	+2.1	+9.1	+2.7	\$148	+7
61	BHRQ1143	BHRN280	+7.7	+17	+136	+4.8	+9.2	+2.4	\$147	+15
62	BHRQ1114	ATZK8	+4.3	+19	+122	+2.2	+6.2	+2.6	\$150	+0
63	BHRQ519	BHRN185	+3.5	+23	+120	+3.5	+9.8	+2.9	\$144	+19
64	BHRQ177	USA18301470	+0.6	+23	+102	+3.6	+11.8	+2.1	\$136	+6
65	BHRQ929	BHRN204	+2.8	+14	+97	+2.7	+8.3	+2.5	\$136	+11
66	BHRQ350	BHRN169	+6.4	+12	+111	+1.4	+7.6	+2.7	\$130	+5
67	BHRQ305	BHRN847	+1.8	+23	+119	+1.5	+7.0	+2.6	\$130	+13
68	BHRQ740	USA17262835	+2.0	+23	+93	+3.9	+9.1	+2.0	\$119	+9
69	BHRQ127	VLYM518	+0.9	+25	+89	+1.2	+8.5	+4.0	\$115	+13
70	BHRQ1193	BHRN077	+4.5	+12	+81	+1.1	+11.0	+1.4	\$89	+9
71	BHRQ1145	BHRN280	+5.5	+21	+151	+3.9	+12.1	+3.4	\$208	+16
72	BHRQ128	DBLL292	+7.5	+18	+157	+2.2	+9.1	+2.9	\$196	+17
73	BHRQ505	BHRN185	+5.8	+20	+161	+4.8	+8.9	+2.6	\$180	-3
74	BHRQ107	NORL519	+4.6	+20	+138	+1.4	+5.4	+2.1	\$166	+23
75	BHRQ199	DBLL292	+7.2	+16	+143	+2.1	+4.2	+3.4	\$165	+13
76	BHRQ388	BHRN246	+4.5	+18	+154	+3.1	+6.7	+2.1	\$166	+18
77	BHRQ190	VLYM518	+3.7	+24	+121	+2.2	+13.2	+3.0	\$163	+8
78	BHRQ502	BHRN847	+4.9	+26	+149	+3.6	+3.9	+3.0	\$161	+16
79	BHRQ784	USA18301470	+3.6	+20	+120	+2.0	+9.5	+3.0	\$151	+13
80	BHRQ722	HIOH9	+6.3	+19	+134	+1.8	+7.7	+3.7	\$152	+11
81	BHRQ141	VLYM518	+1.9	+25	+93	+3.3	+14.1	+4.4	\$151	+24
82	BHRQ339	BHRN751	+4.0	+16	+112	+3.6	-0.9	+3.8	\$148	+18
83	BHRQ910	USA18301470	+4.9	+19	+111	+0.9	+8.2	+2.7	\$112	+15
84	BHRQ946	NBHH358	+3.4	+25	+125	+3.2	+8.0	+1.5	\$144	+20
85	BHRQ170	VLYM518	+3.6	+22	+110	+1.4	+10.7	+3.4	\$142	+12
86	BHRQ789	NORL508	+4.3	+27	+137	-0.4	+4.0	+3.2	\$141	+8
87	BHRQ526	USA18301470	+5.3	+15	+144	+1.9	+12.6	+2.1	\$140	+19
88	BHRQ955	BHRN077	+5.0	+9	+114	+2.0	+7.3	+2.5	\$138	+14
89	BHRQ137	USA18301470	+4.3	+21	+127	+0.4	+8.4	+3.3	\$134	+15
90	BHRQ355	NORL508	+5.1	+25	+119	+0.9	+8.4	+3.1	\$132	+4
D	unoon Sale Bull	Average	+4.2	+19.3	+121.2	+2.4	+6.5	+2.9	+150.5	+12.3

Lot	Ident	Sire ID	BW	Milk	600	SC	EMA	IMF	Heavy Grn	Docility
91	BHRQ1702	USA18301470	+3.7	+11	+120	+2.2	+9.9	+2.6	\$127	+24
92	BHRQ783	DBLL292	+3.0	+22	+111	+0.4	+9.6	+0.5	\$116	+7
93	BHRQ798	NORL519	+3.6	+22	+92	+0.3	+6.5	+3.3	\$113	+10
94	BHRQ157	NORL519	+4.9	+15	+139	+1.9	+3.1	+4.6	\$189	+22
95	BHRQ739	DBLL292	+3.8	+23	+134	+1.0	+4.1	+3.5	\$182	+8
96	BHRQ770	DBLL292	+4.6	+19	+145	+3.3	+2.3	+2.4	\$171	+21
97	BHRQ357	BHRN956	+4.0	+15	+122	+2.3	+3.6	+3.8	\$170	+5
98	BHRQ528	BHRN098	+4.5	+29	+143	+3.3	+5.2	+2.4	\$160	-1
99	BHRQ165	VLYM518	+2.9	+18	+108	+2.7	+9.7	+4.3	\$151	+10
100	BHRQ729	DBLL292	+4.5	+15	+131	+1.1	+4.7	+2.5	\$154	+15
101	BHRQ768	DBLL292	+3.5	+19	+124	+1.1	+3.9	+2.5	\$153	+11
102	BHRQ915	NBHH358	+4.1	+26	+145	+2.2	+0.9	+1.1	\$150	+14
103	BHRQ973	NBHH358	+6.5	+22	+142	+1.4	+5.1	+2.4	\$147	+12
104	BHRQ1129	BHRK1372	+6.0	+25	+138	+2.3	+2.6	+2.7	\$144	+20
105	BHRQ920	DBLL292	+6.1	+17	+134	+2.0	+5.2	+2.2	\$137	+10
106	BHRQ371	NORL519	+4.8	+23	+120	+0.5	+0.0	+3.4	\$133	+25
107	BHRQ569	NORL519	+4.4	+19	+108	+2.5	+4.2	+2.3	\$135	+26
108	BHRQ952	NBHH358	+6.0	+26	+109	+3.9	+2.2	+1.9	\$131	+15
109	BHRQ312	BHRN848	+3.3	+17	+125	+0.9	+6.3	+2.0	\$127	+3
110	BHRQ550	BHRN169	+6.2	+17	+152	+2.5	+7.2	+0.4	\$127	+10
111	BHRQ1134	BHRN190	+4.7	+16	+116	+1.1	+3.3	+3.0	\$122	+17
112	BHRQ593	BHRN956	+0.3	+21	+94	+2.3	+4.2	+2.3	\$117	+15
113	BHRQ392	BHRN087	+5.3	+16	+120	+2.6	+3.0	+4.5	\$175	+14
114	BHRQ343	BHRN211	+4.6	+16	+128	+1.4	+0.6	+3.5	\$164	+3
115	BHRQ399	BHRN087	+8.4	+16	+145	+2.7	+6.8	+3.0	\$161	-8
116	BHRQ116	VLYM518	+7.5	+21	+133	+1.8	+13.0	+3.9	\$152	+13
117	BHRQ580	BHRN265	+5.3	+17	+139	+4.0	+13.7	+2.0	\$153	+6
118	BHRQ192	DBLL292	+4.5	+18	+115	+2.0	+4.6	+3.0	\$152	+6
119	BHRQ1189	BHRN322	+3.3	+15	+119	+3.0	+2.0	+2.3	\$144	+15
120	BHRQ738	HIOH9	+4.4	+14	+108	+0.1	+3.0	+3.3	\$142	+14
121	BHRQ101	DBLL292	+4.6	+15	+119	+0.8	+6.0	+2.1	\$136	+14
122	BHRQ136	VLYM518	+5.0	+21	+118	+1.8	+12.1	+3.6	\$136	+17
123	BHRQ938	DBLL292	+7.2	+17	+163	+1.8	+6.4	+1.1	\$137	+17
124	BHRQ777	VLYM518	+5.2	+23	+104	+2.4	+10.2	+3.6	\$133	+11
125	BHRQ922	BHRN241	+3.8	+16	+105	+1.6	+7.9	+2.6	\$135	+10
126	BHRQ959	USA18301470	+4.5	+21	+103	+1.1	+8.4	+3.6	\$121	+9
127	BHRQ967	BHRK1372	+6.5	+20	+112	+2.0	+0.3	+3.1	\$117	+23
128	BHRQ975	BHRN190	+6.8	+11	+111	+1.2	+6.0	+2.6	\$116	+3
129	BHRQ995	BHRN280	+4.8	+19	+110	+5.1	+9.6	+3.1	\$182	+11
130	BHRQ970	BHRN115	+4.8	+15	+123	+4.3	+4.1	+4.0	\$177	+5
131	BHRQ387	BHRN087	+2.9	+23	+123	+2.9	+2.3	+4.8	\$174	+3
132	BHRQ748	NORL508	+4.1	+23	+107	+3.4	+6.8	+4.7	\$172	+8
133	BHRQ560	BHRN265	+3.9	+21	+125	+3.3	+5.9	+4.2	\$165	+13
134	BHRQ395	DBLL292	+4.4	+21	+127	+2.4	+5.1	+2.4	\$164	+9
Di	unoon Sale Bull	Average	+4.2	+19.3	+121.2	+2.4	+6.5	+2.9	+150.5	+12.3

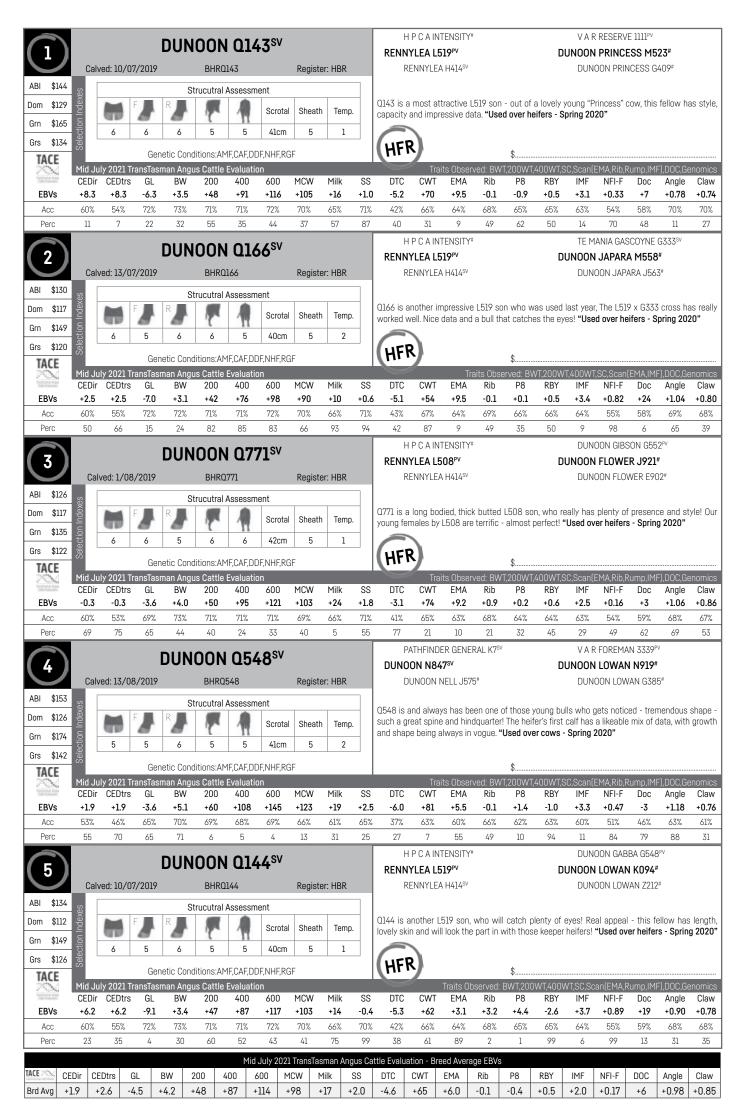
Lot	Ident	Sire ID	BW	Milk	600	SC	EMA	IMF	Heavy Grn	Docility
135	BHRQ196	DBLL292	+3.5	+21	+140	+1.6	+5.6	+3.3	\$162	+20
136	BHRQ187	NORL508	+2.1	+19	+115	+1.1	+3.5	+4.4	\$160	+12
137	BHRQ734	USA18301470	+3.7	+18	+121	+2.2	+11.4	+3.0	\$153	+9
138	BHRQ145	NORL519	+1.3	+12	+91	-0.1	+7.3	+4.5	\$150	+25
139	BHRQ584	BHRN956	+3.7	+20	+115	+2.5	+8.2	+1.6	\$149	+13
140	BHRQ907	BHRN280	+4.7	+16	+112	+2.3	+6.8	+3.2	\$149	+3
141	BHRQ578	BHRN161	+6.2	+20	+132	+3.1	+7.3	+2.2	\$147	+3
142	BHRQ747	NORL508	+4.0	+21	+106	+2.7	+5.6	+2.8	\$145	-10
143	BHRQ785	USA17262835	+4.1	+14	+124	+2.4	+8.0	+2.4	\$141	+8
144	BHRQ512	BHRN265	+4.6	+14	+119	+2.9	+5.3	+2.3	\$139	+15
145	BHRQ155	NORL508	+3.2	+22	+117	+1.5	+3.5	+2.9	\$138	+13
146	BHRQ993	BHRN280	+5.5	+13	+115	+2.2	+13.9	+1.8	\$136	+11
147	BHRQ958	BHRN190	+3.9	+15	+88	+1.8	+7.1	+3.5	\$133	+0
148	BHRQ543	BHRN265	+3.0	+18	+118	+1.9	+4.9	+2.3	\$130	+19
149	BHRQ147	NORL519	+3.5	+15	+82	+0.4	+4.7	+4.0	\$131	+15
150	BHRQ111	DBLL292	+4.4	+18	+114	+1.8	+4.1	+2.4	\$124	+20
151	BHRQ1191	BHRN060	+4.5	+12	+93	+3.0	+4.7	+2.7	\$121	+3
152	BHRQ520	USA18301470	+1.7	+28	+96	+2.0	+7.1	+2.9	\$115	+19
153	BHRQ365	BHRN1028	-1.6	+23	+93	-0.6	+2.2	+3.2	\$113	+4
154	BHRQ708	NORL508	+2.8	+24	+91	+1.8	+5.0	+2.1	\$110	+4
155	BHRQ941	SMPK7	+3.9	+13	+97	+0.5	+10.4	+1.7	\$111	+4
156	BHRQ957	BHRN021	+2.5	+18	+103	+3.4	+7.5	+3.4	\$163	-9
157	BHRQ1180	BHRN318	+5.3	+15	+126	+2.9	+5.5	+2.3	\$157	-11
158	BHRQ757	VLYM518	+4.3	+20	+99	+2.7	+11.1	+3.8	\$145	+9
159	BHRQ794	HIOH9	+2.8	+20	+112	+1.0	+9.0	+2.4	\$141	+12
161	BHRQ778	DBLL292	+5.3	+16	+116	+1.4	+6.2	+2.0	\$134	-8
162	BHRQ935	BHRN013	+3.1	+9	+89	+0.5	+7.4	+2.8	\$126	+1
163	BHRQ727	VLYM518	+5.6	+20	+97	+3.0	+12.4	+2.9	\$113	+17
D	unoon Sale Bull	Average	+4.2	+19.3	+121.2	+2.4	+6.5	+2.9	+150.5	+12.3

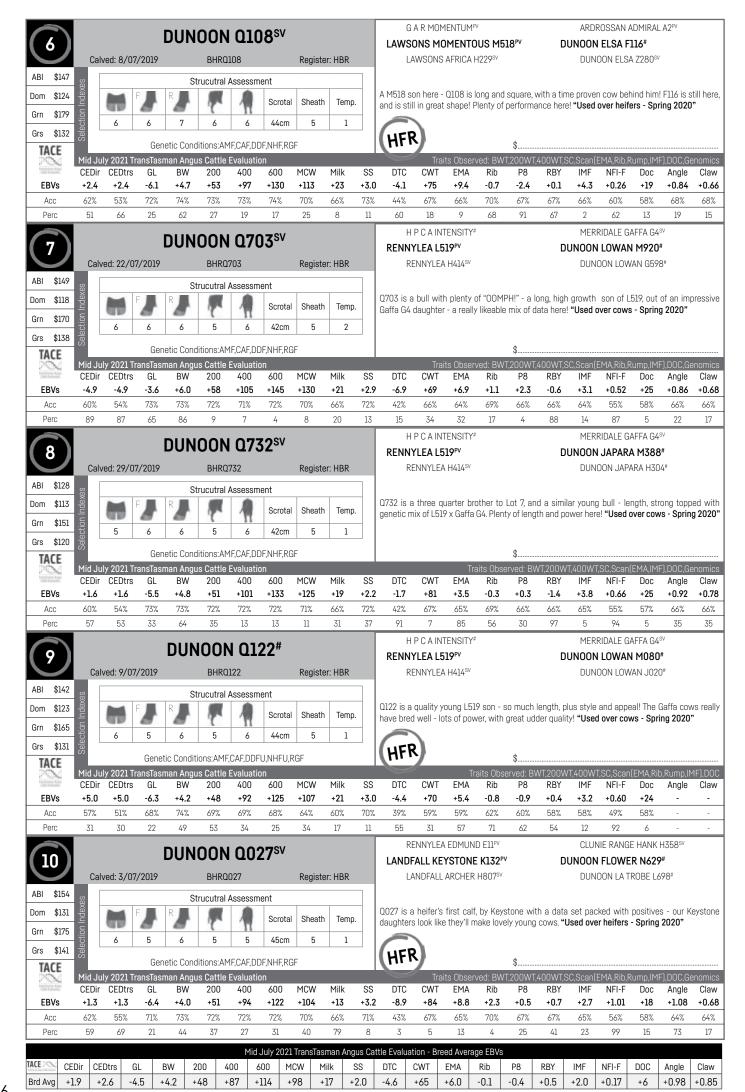
Please note: We are starting this sale with 25 of the bulls we used as yearlings, over our cows and heifers, during the Spring 2020 joining period.

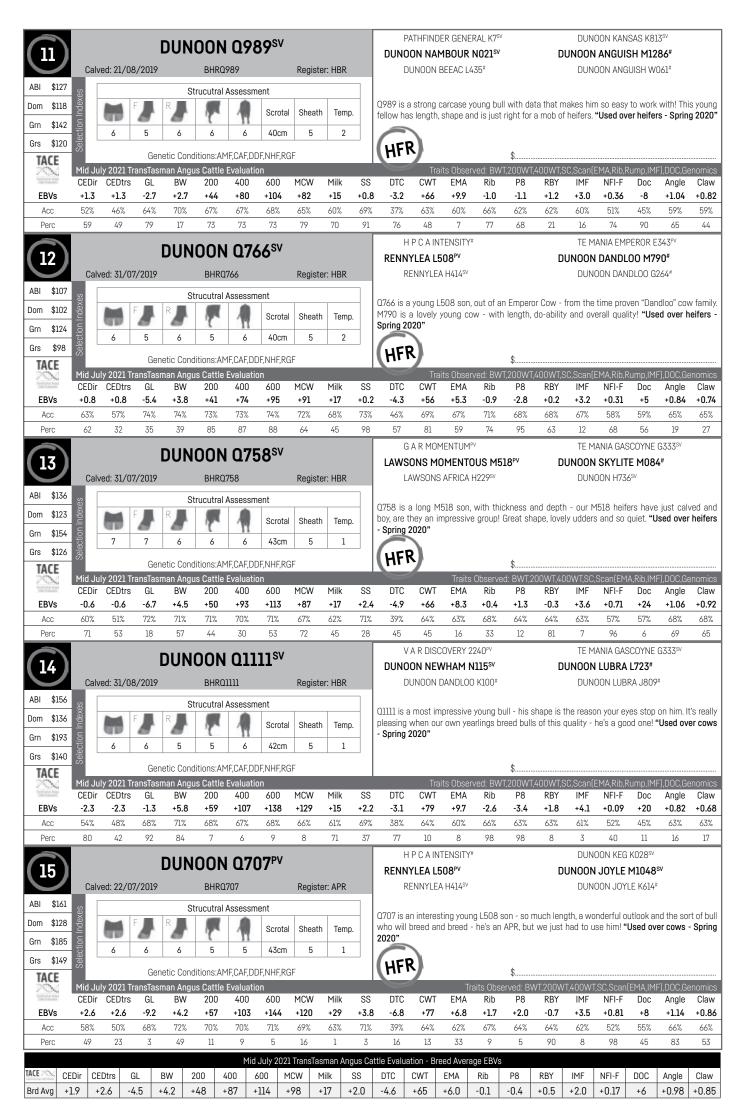
Lots 1 - 25 were taken out of the cows and boxed in to 2 mobs on 21/12/20. We feel they are a really good group of young bulls - both gentically and the performance data they contain. They worked hard, and are carrying less weight that the other sale bulls, although, they have recovered very well!

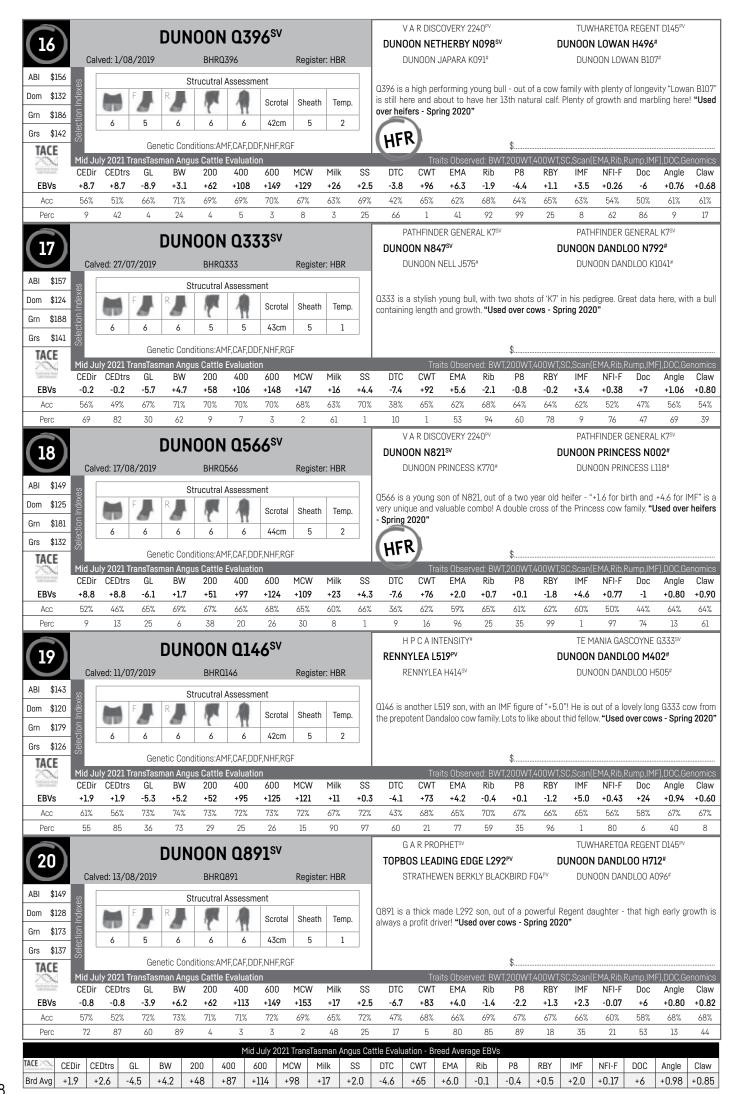
These bulls have great potential and we are really pleased that we selected them to use in our herd.

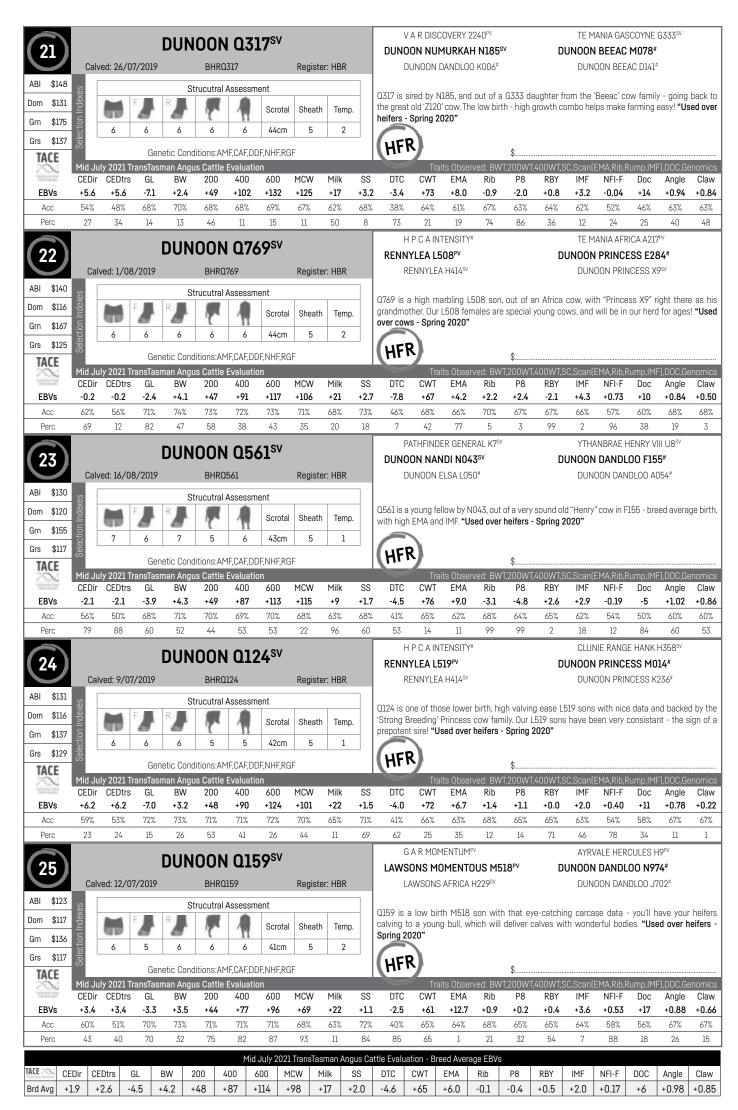


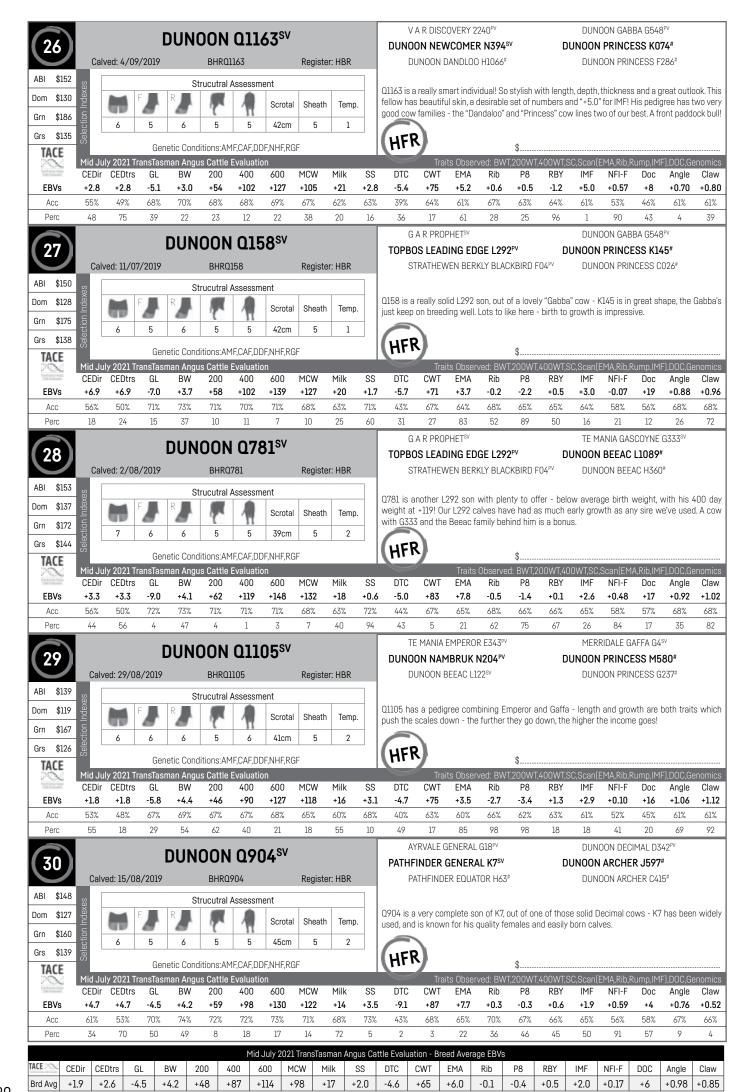


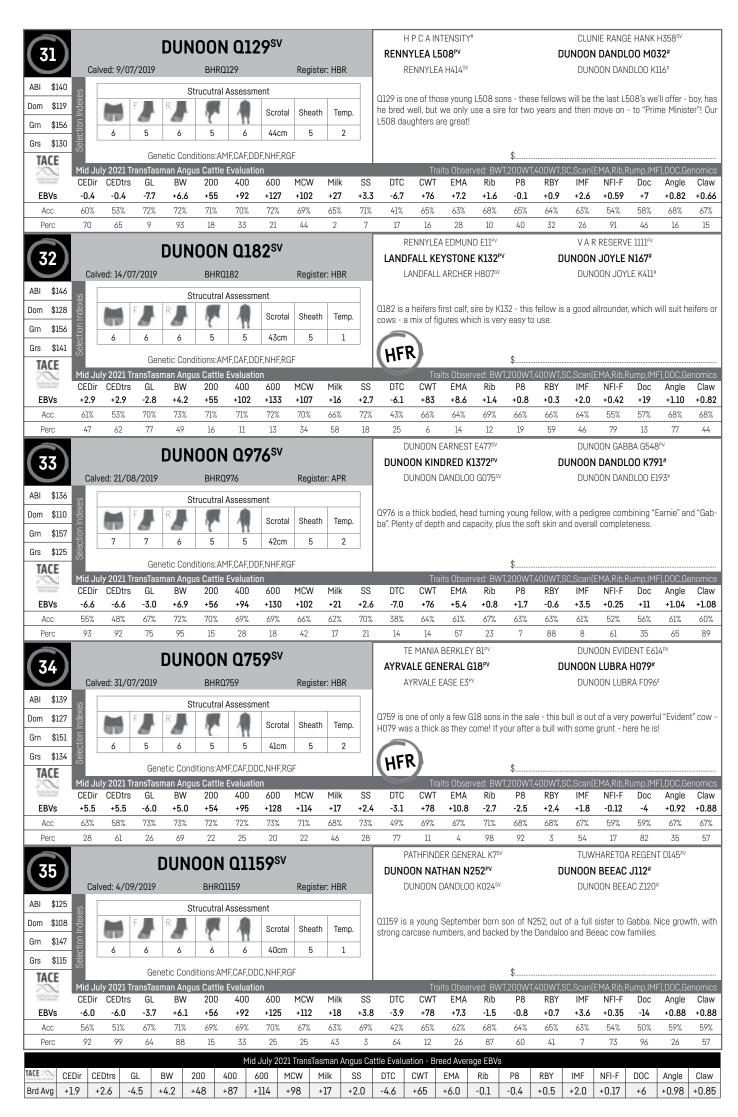


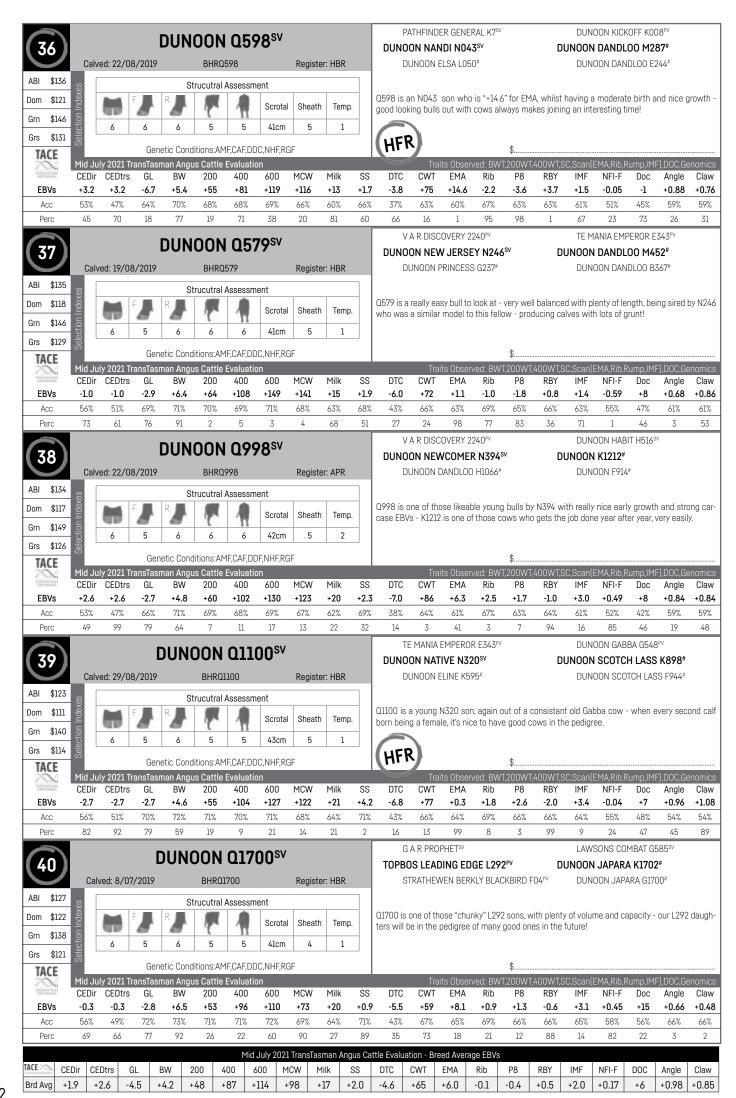


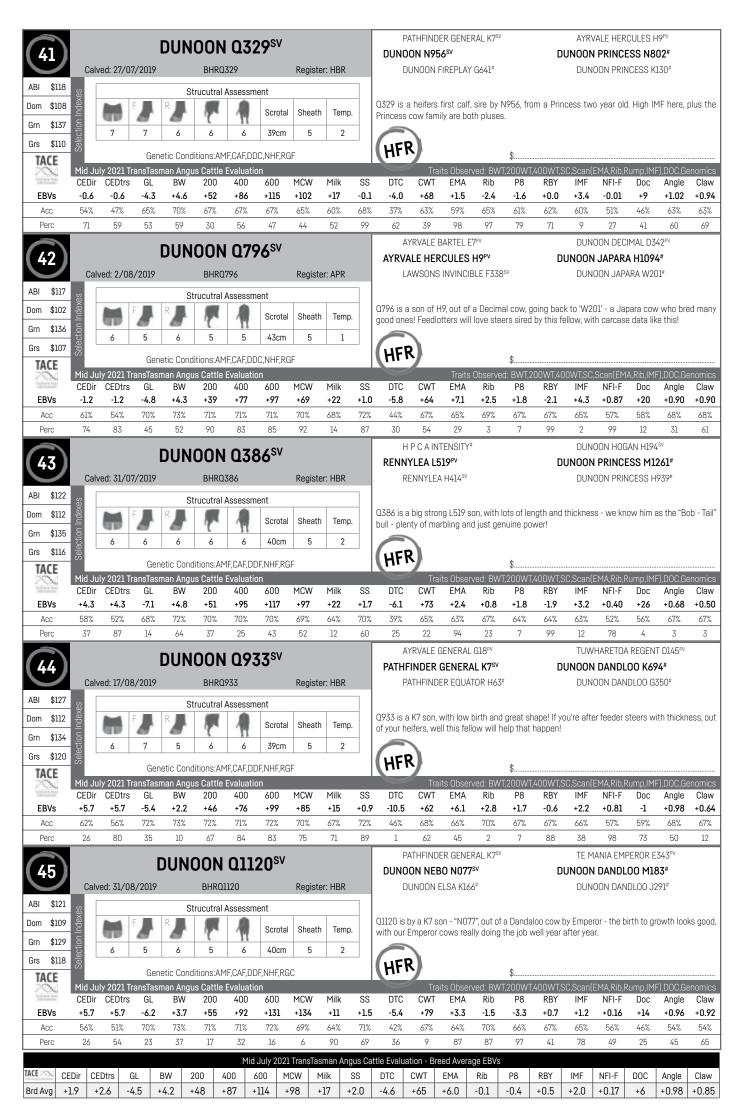


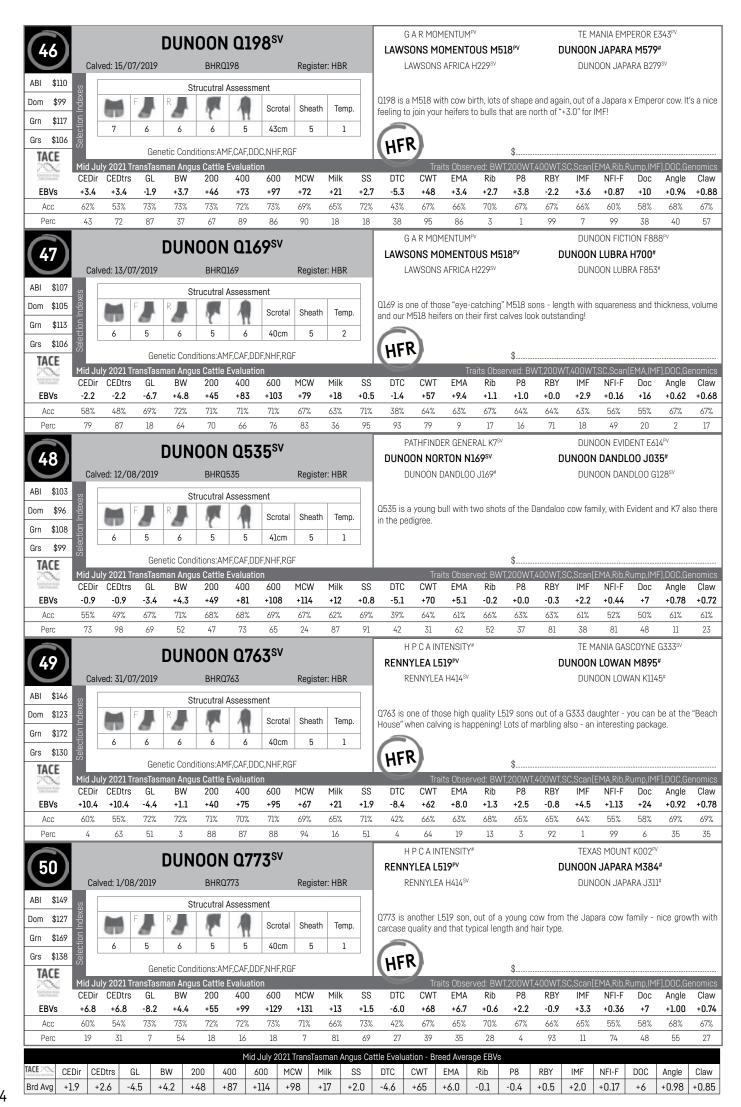


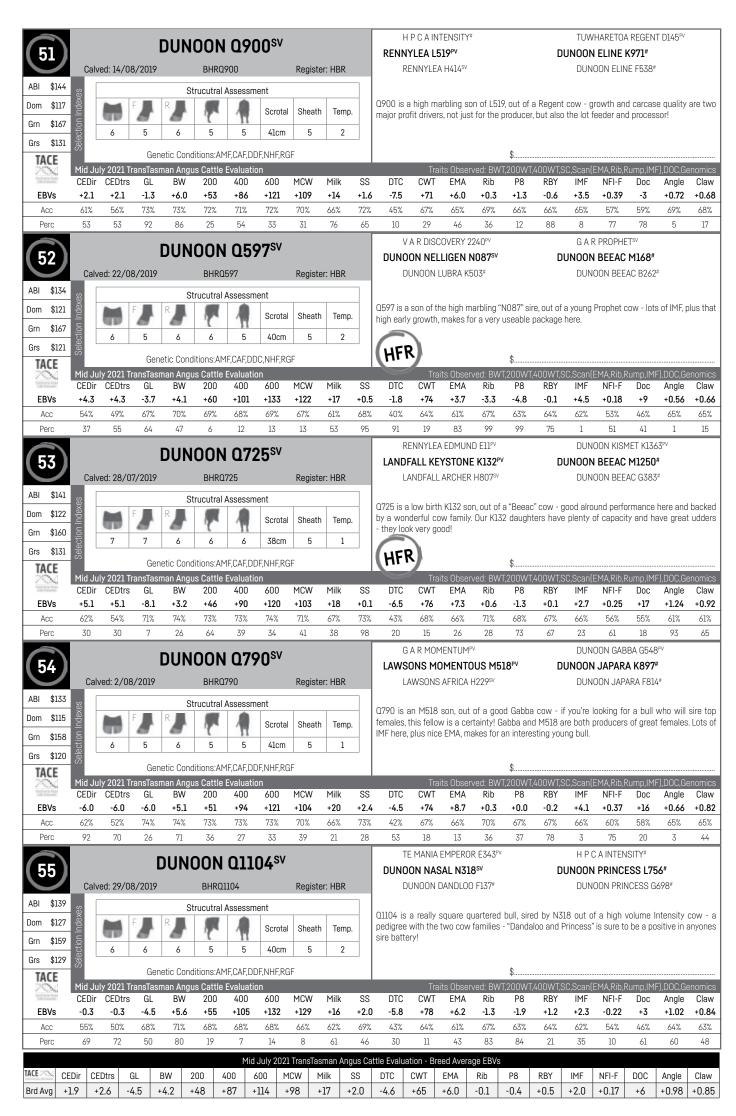


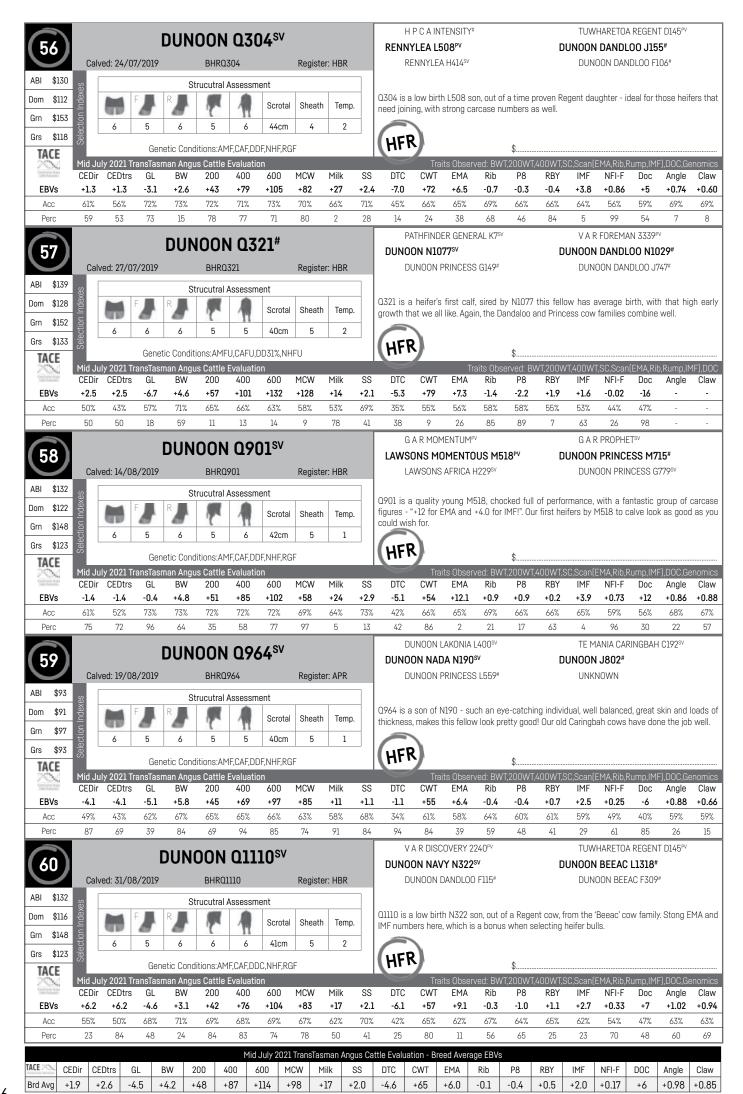


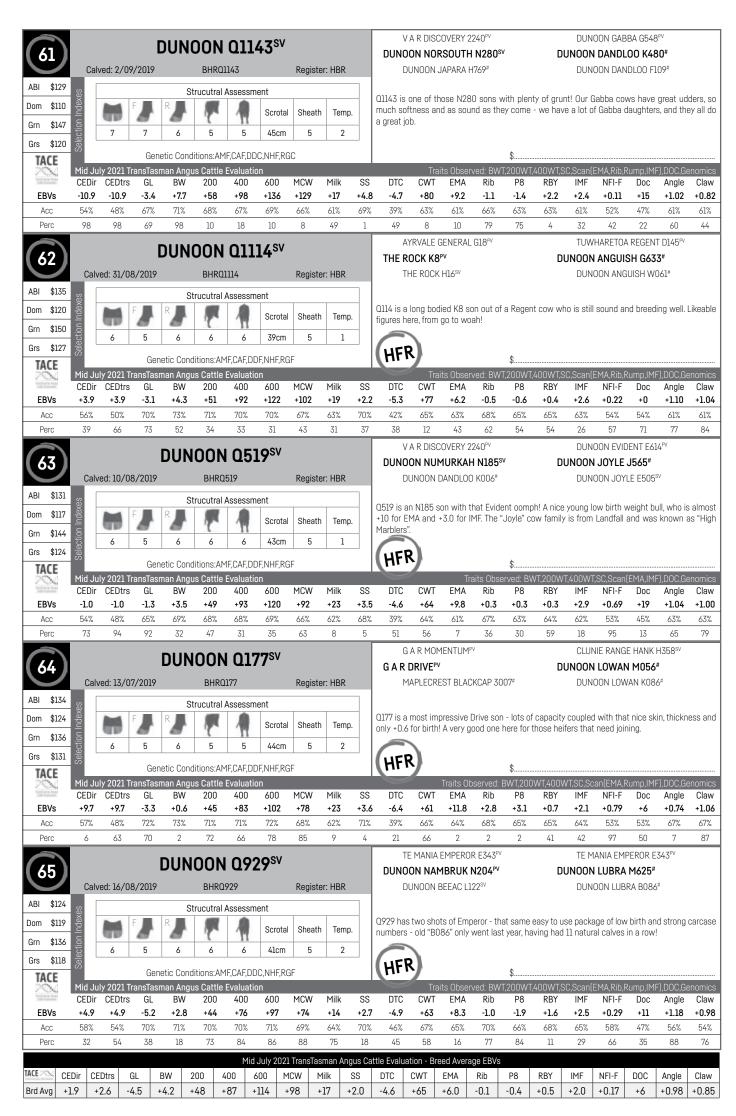


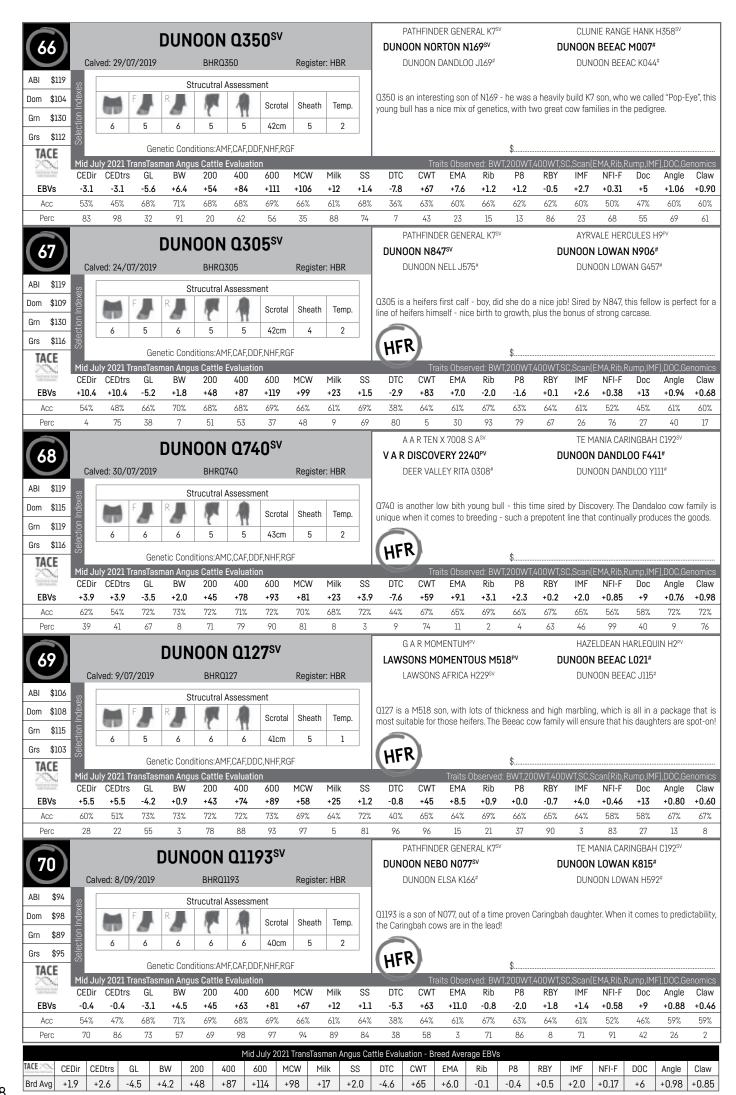


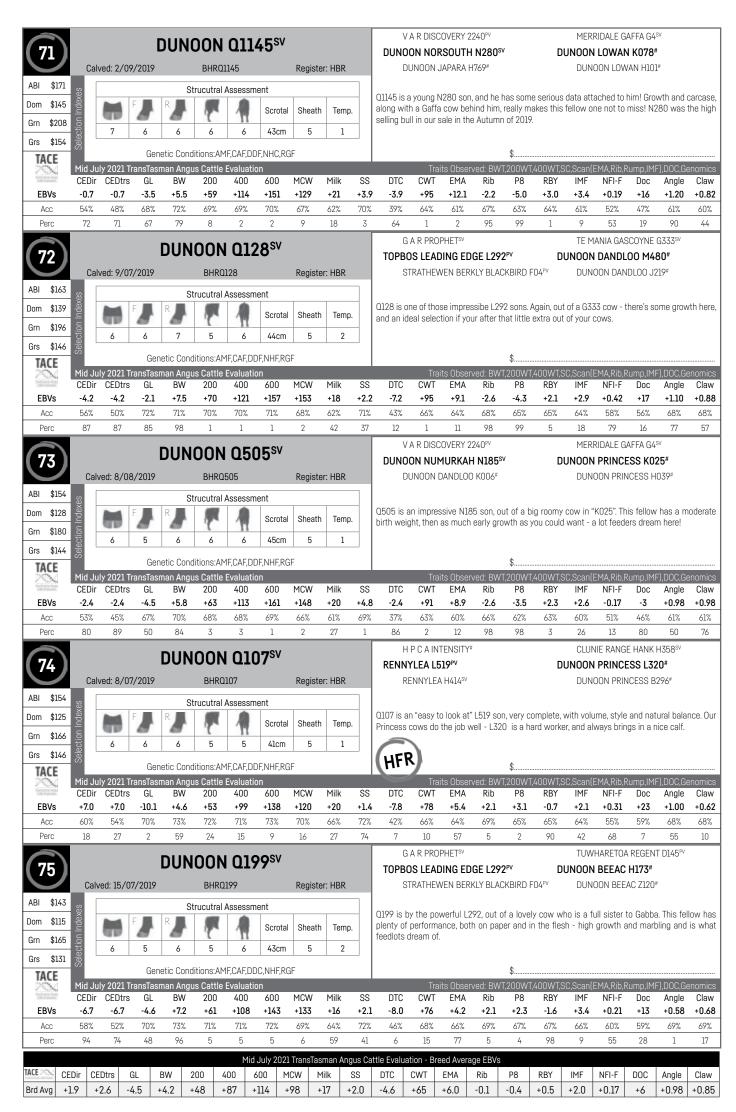


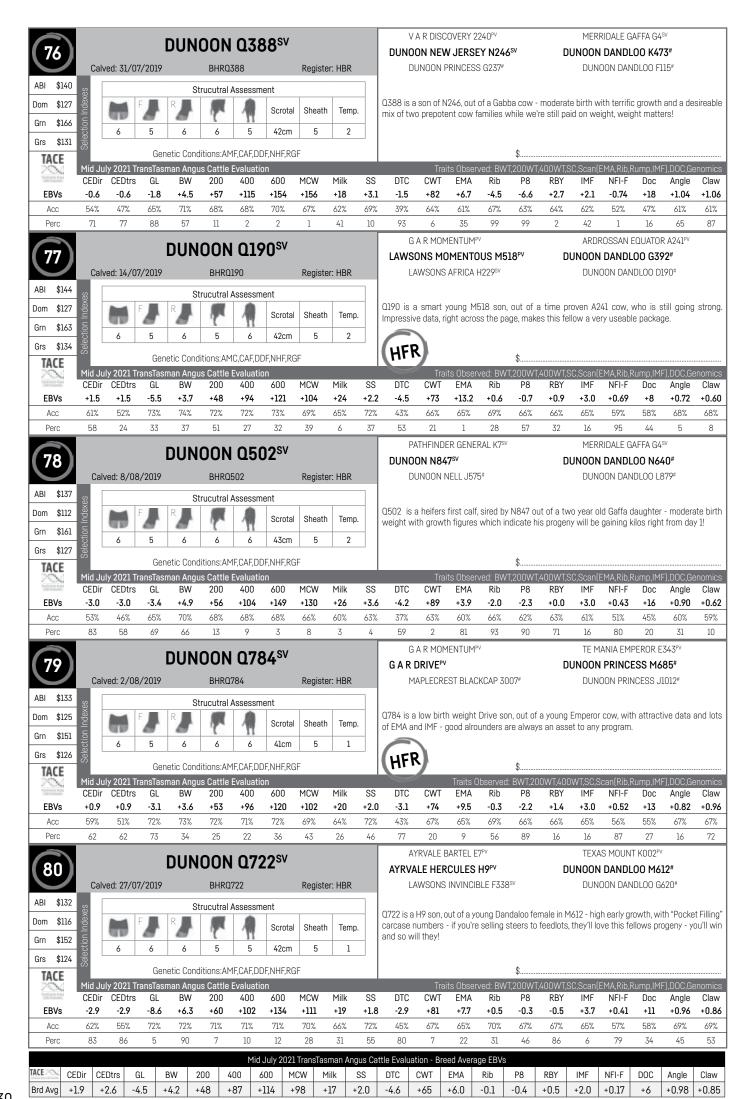


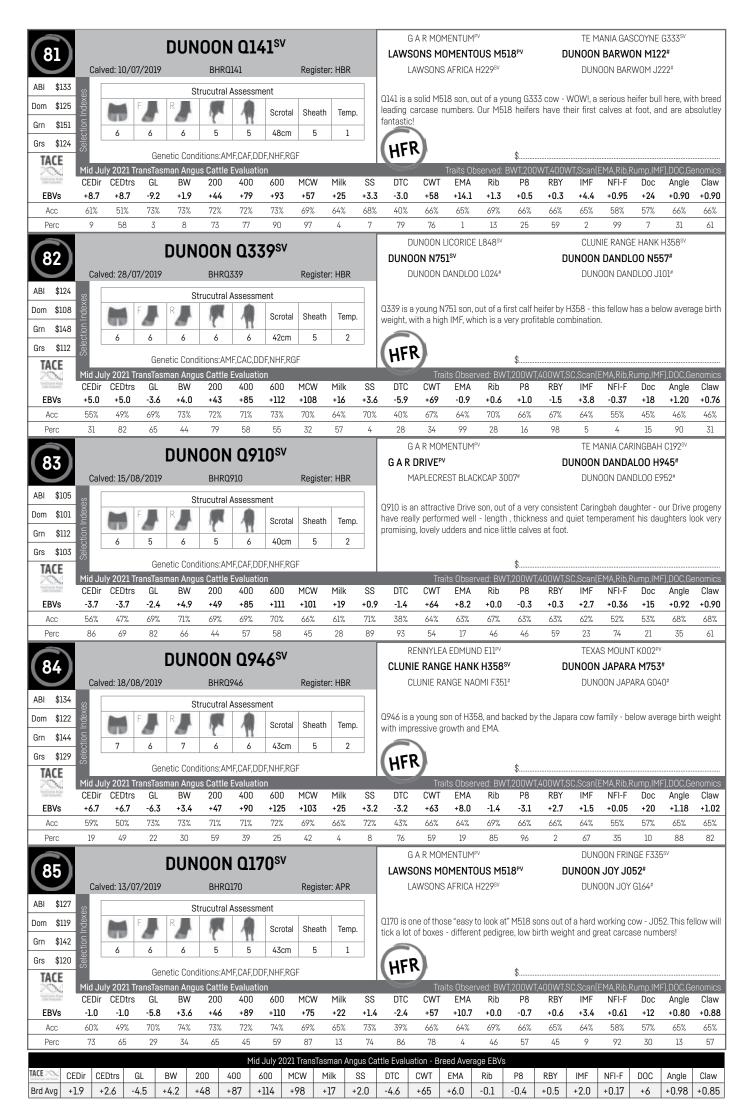


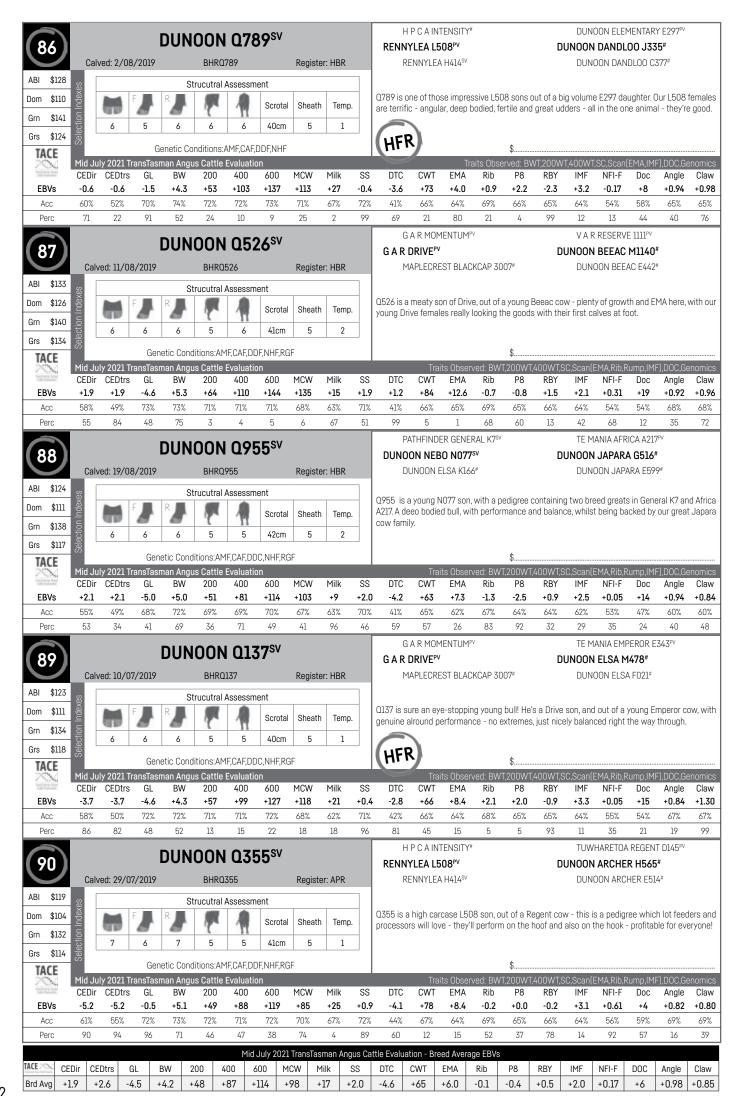


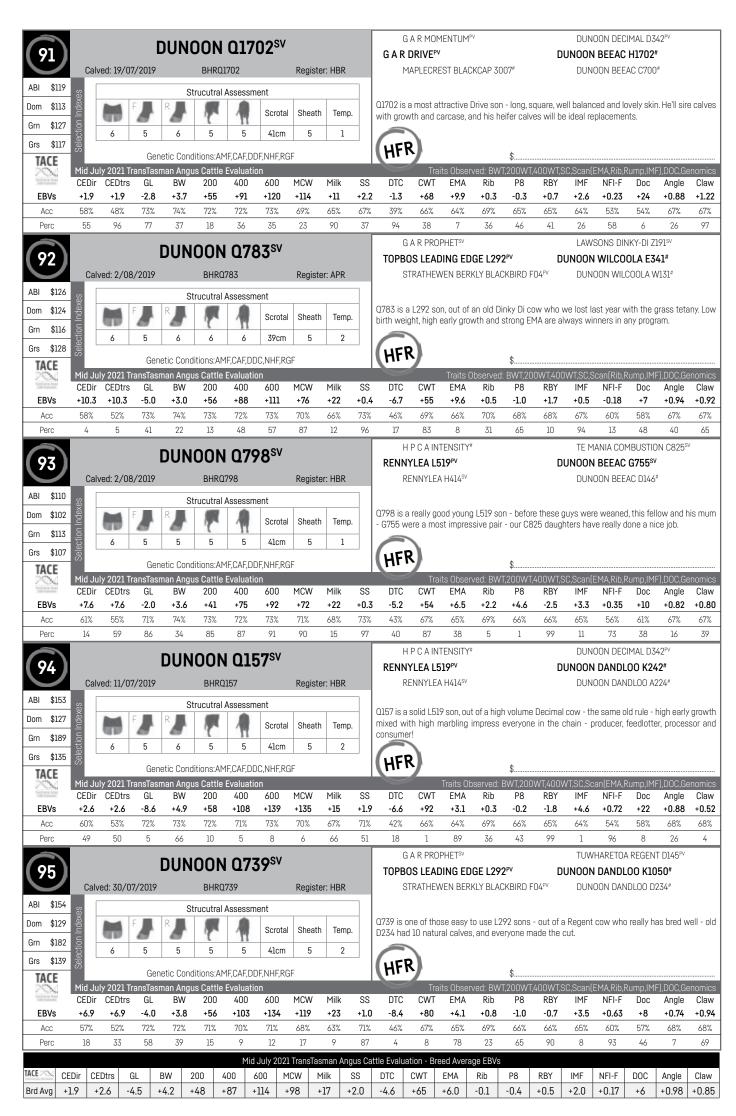


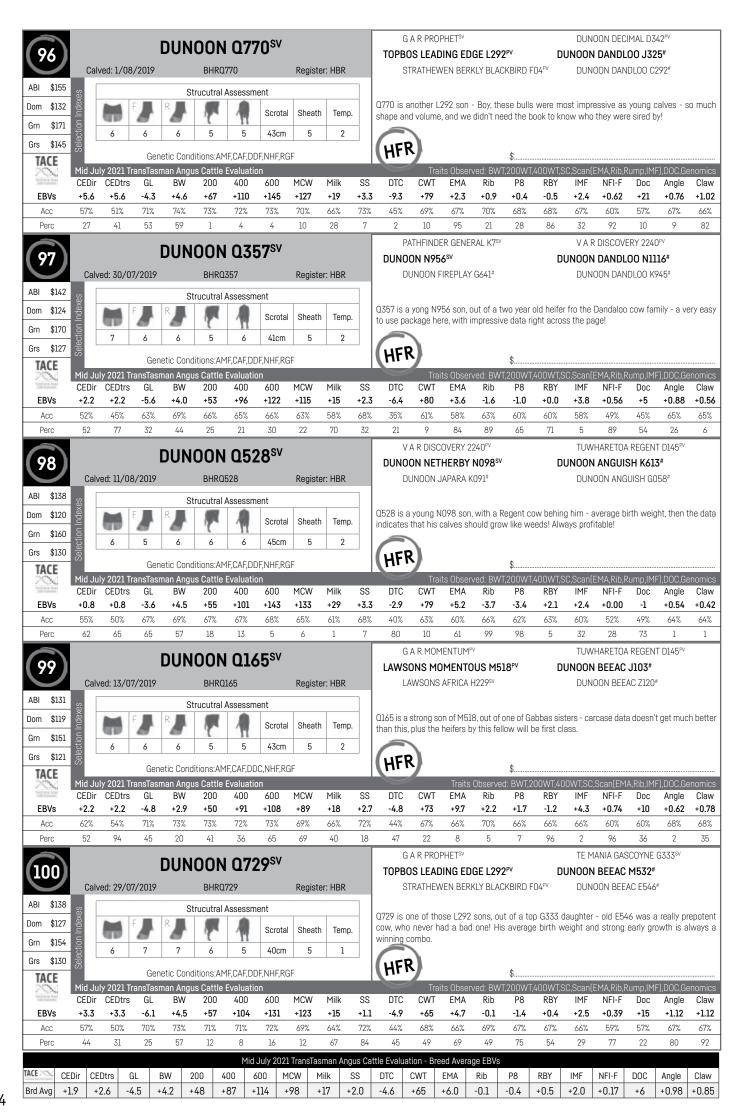


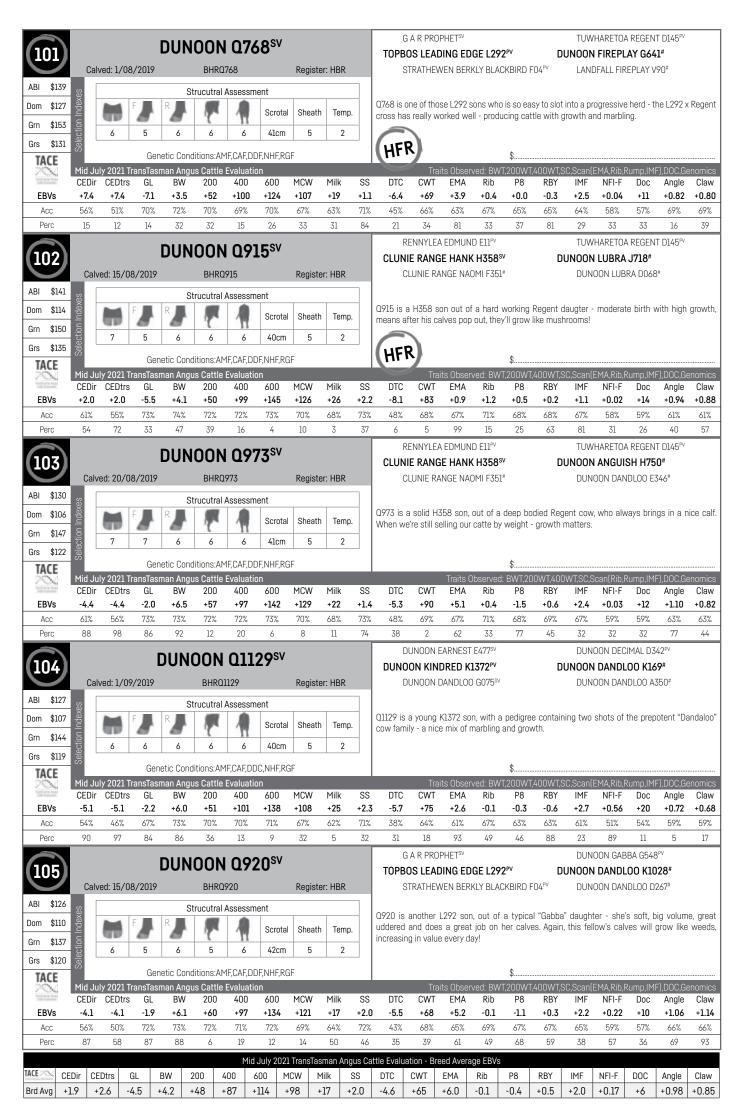


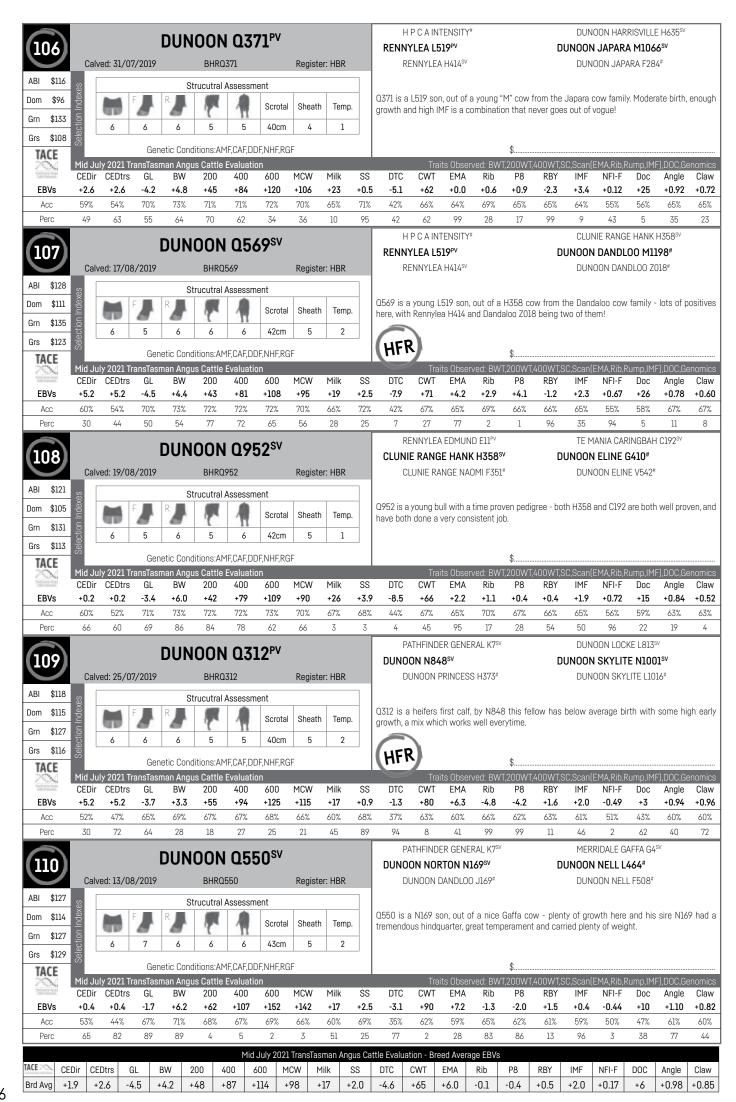


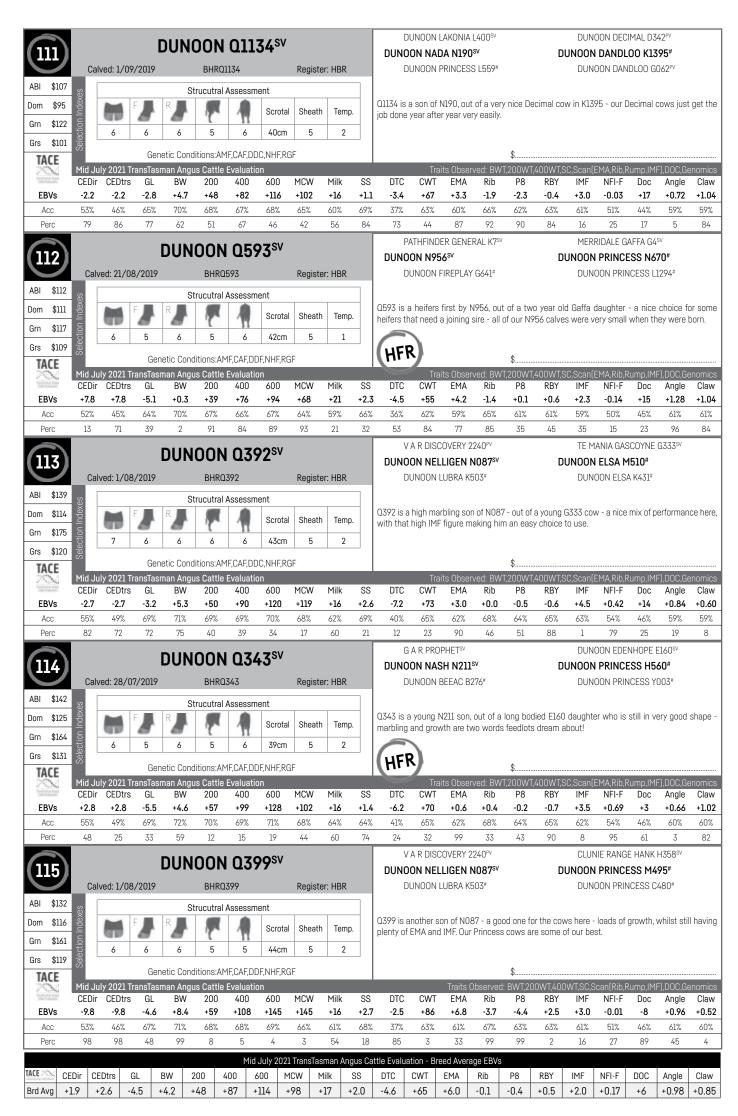


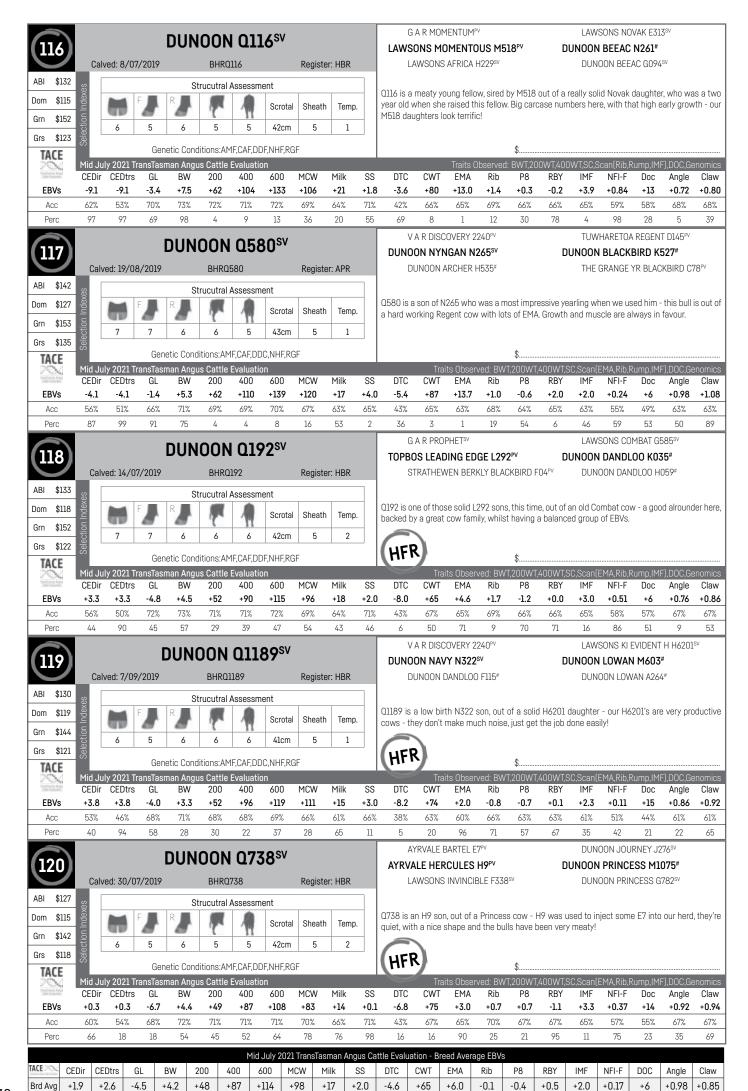


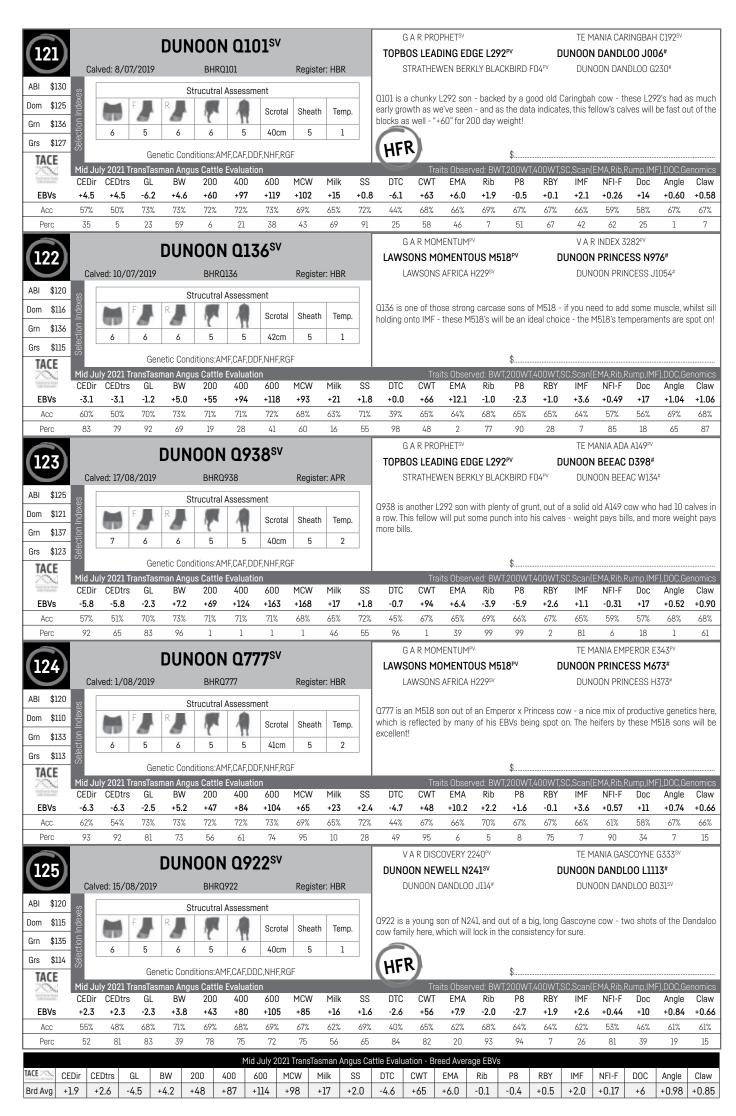


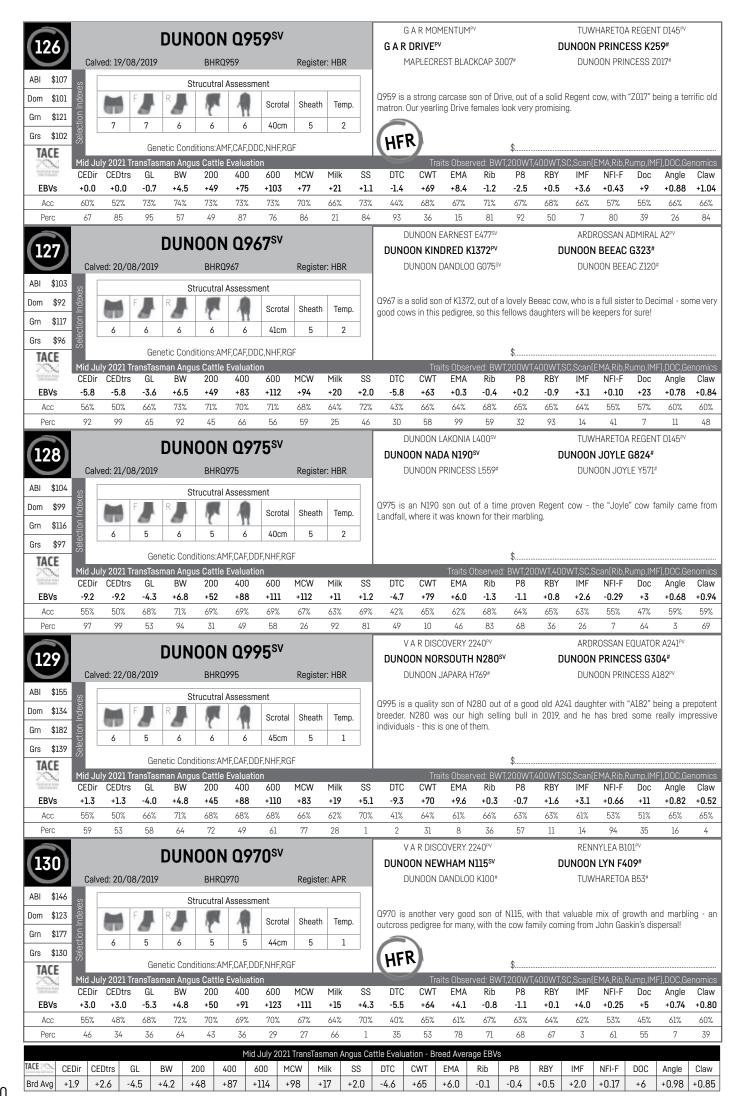


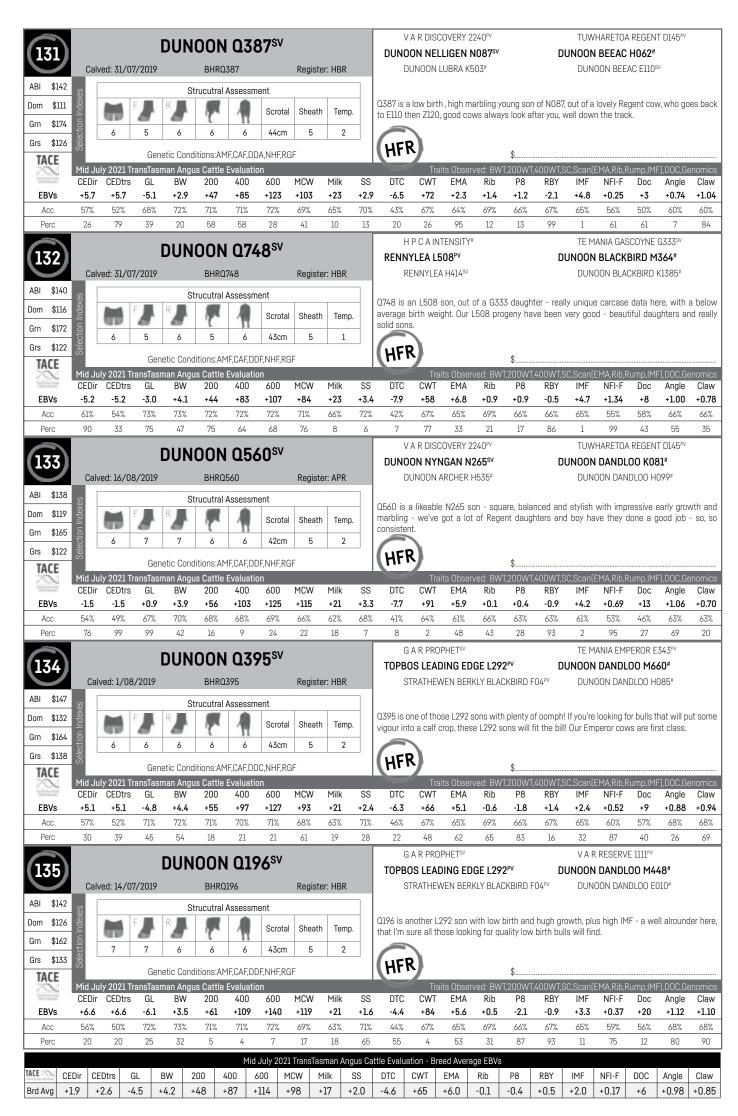


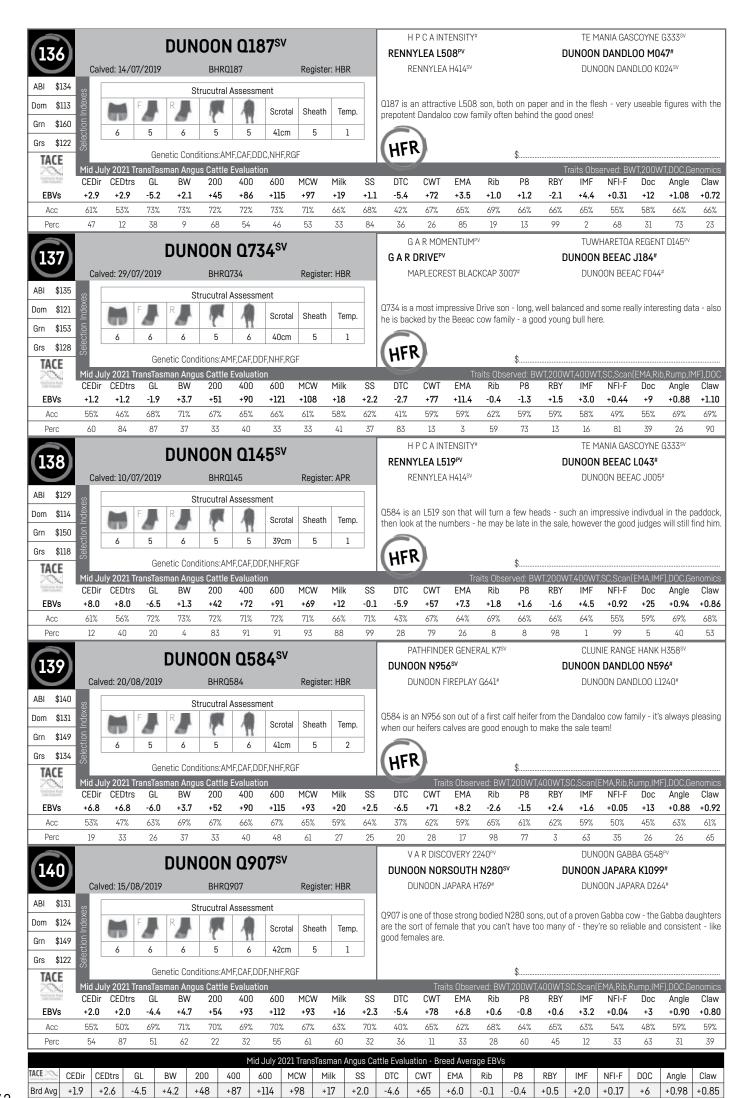


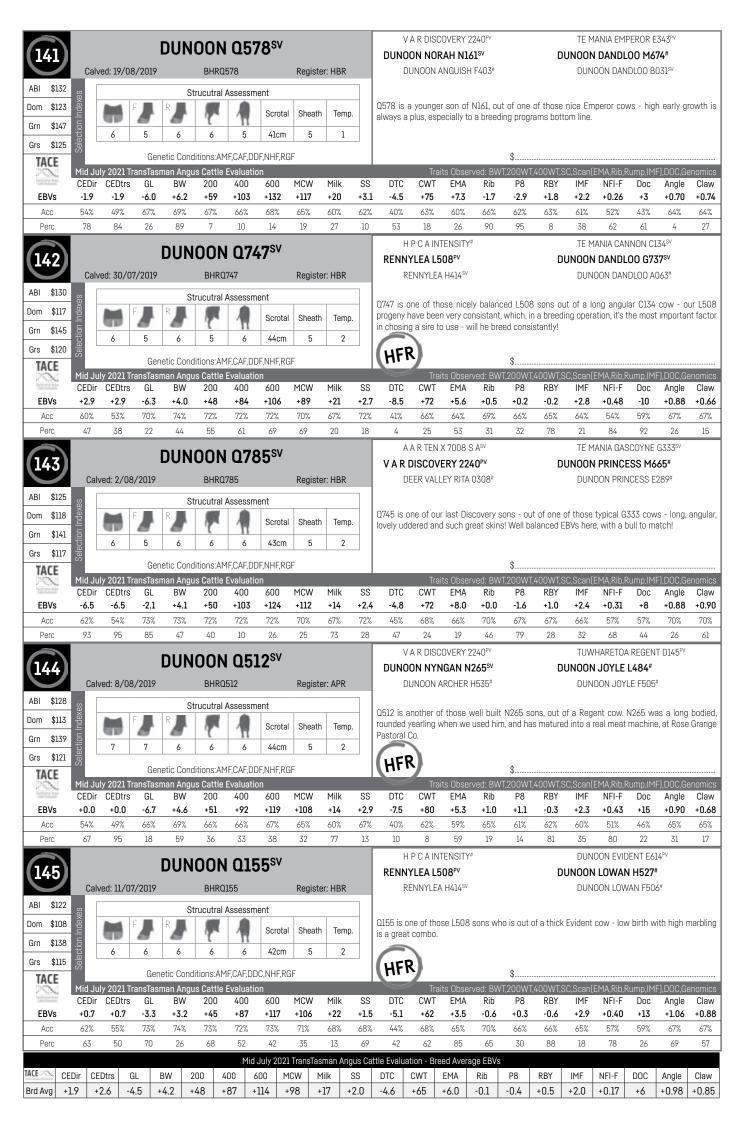


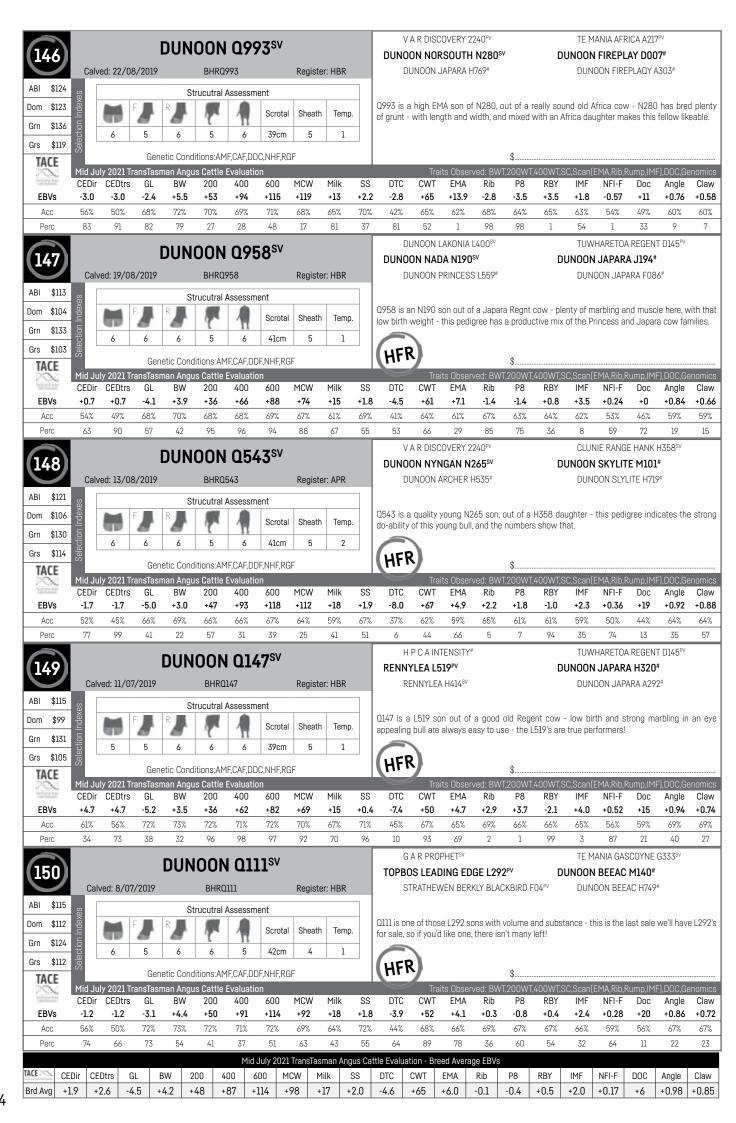


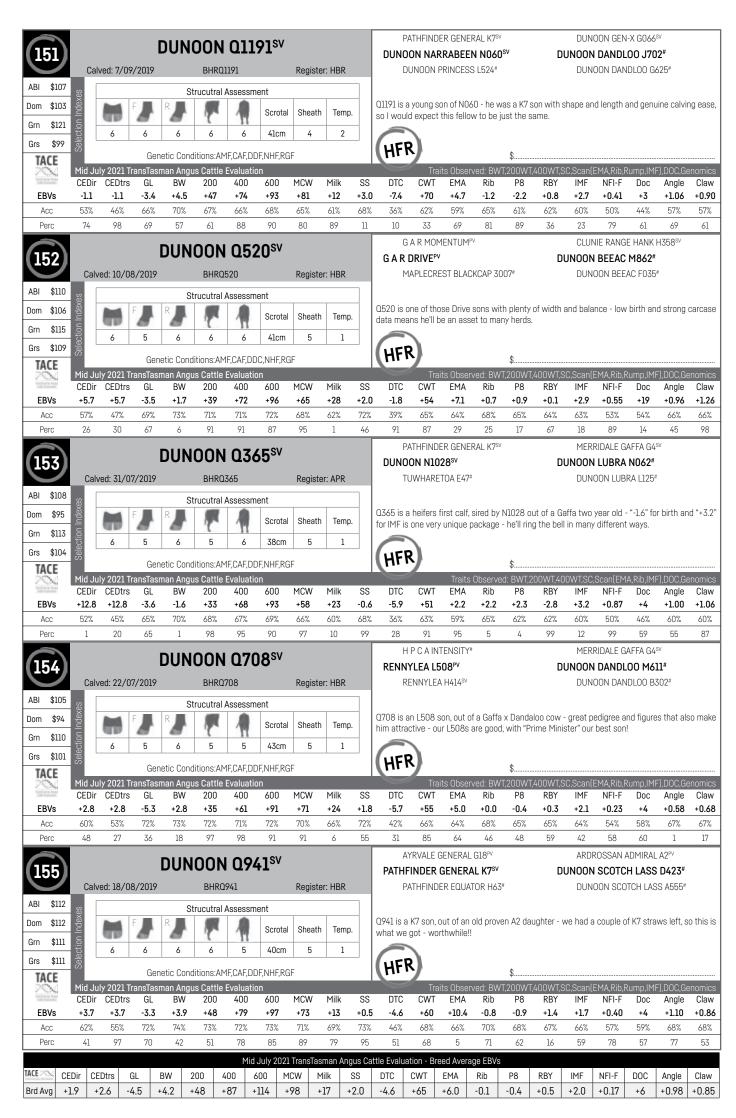


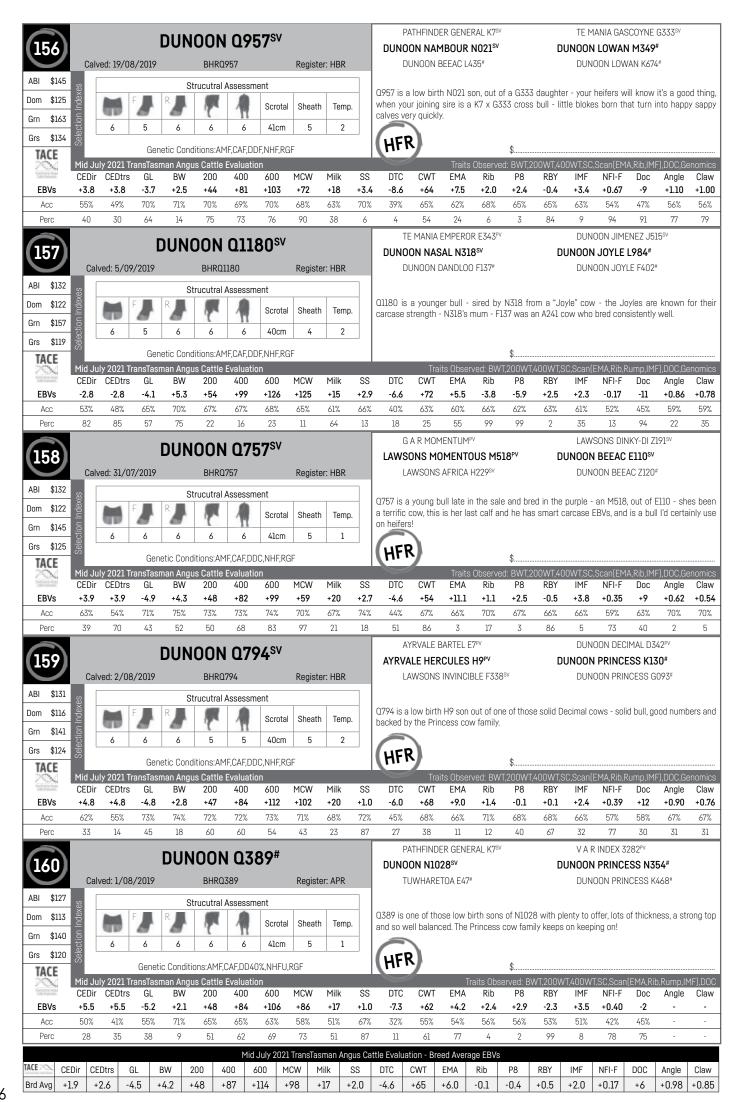


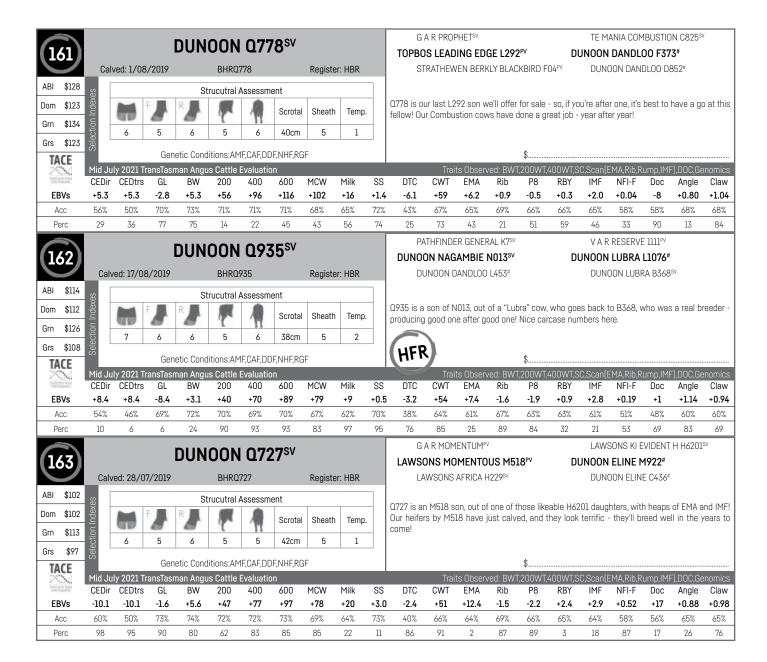














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TransTasman Angus Cattle Evaluation - Mid July 2021 Reference Tables

Selection Indexes ABI DOM GRN +110 +124 +0.98 +0.85 +118 NFI-F DOC Angle Claw Structure 9 +0.17 +2.0 IMF RBY +0.5 -0.4 BREED AVERAGE EBVs -0.1 +6.0 CWT EMA +65 ss DTC -4.6 Fertility +2.0 CE + +17 Milk MCW +98 Growth +114 009 +87 400 200 +48 44.2 ВМ Birth ЗS CEDir CEDtrs Calving Ease +1.9 **Brd Avg**

and Angus-influenced seedstock animals analysed in the Mid July 2021 TransTasman Angus Cattle Evaluation ੈ ਲੈ ਲੈ ਤੇ Breed average represents the average EBV of all 2019 drop Australia ਨਿਊਸੈ 400 +87

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* The percentile bands represent the distribution of EBVs across the 2019 drop Australian Angus and Angus-influenced seedstock animals analysed in the Mid July 2021 TransTasman Angus Cattle Evaluation.

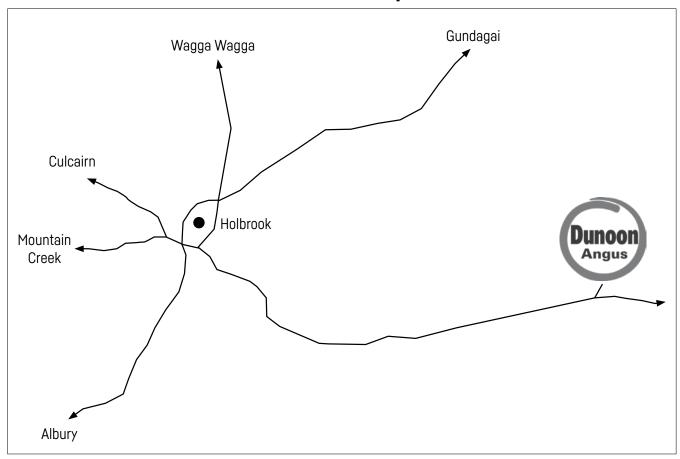
REFERENCE SIRES

INLI LINLINGE SINES																			
Mid July 2021 TransTasman Angus Cattle Evaluation																			
Name	Ident	CEDir	BW	200	400	600	MCW	SS	CWT	EMA	Rib	P8	RBY	IMF	Doc	ABI	Dom	Grn	Grs
CLUNIE RANGE HANK H358	NBHH358	+0.6	+5.2	+55	+103	+147	+121	+2.4	+86	+3.9	+2.1	+0.7	+0.6	+0.7	+31	\$139	\$117	\$142	\$137
DUNOON KINDRED K1372	BHRK1372	-6.0	+6.9	+52	+94	+127	+103	+2.6	+69	+3.9	+0.2	-0.8	+0.5	+2.9	+12	\$133	\$111	\$155	\$120
DUNOON KANSAS K813	BHRK813	-0.2	+4.3	+44	+80	+104	+82	+1.7	+68	+11.4	-2.6	-2.6	+2.0	+3.4	+26	\$143	\$124	\$171	\$127
AYRVALE HERCULES H9	НІОНЯ	+5.9	+2.2	+49	+87	+112	+81	+0.9	+82	+10.9	+0.4	-0.2	+0.3	+3.6	+15	\$148	\$130	\$168	\$137
PATHFINDER GENERAL K7	SMPK7	+9.1	+2.1	+57	+90	+124	+108	+1.7	+77	+8.7	-0.9	-1.5	+1.2	+2.0	-14	\$146	\$128	\$158	\$139
V A R DISCOVERY 2240	USA17262835	-1.5	+3.9	+67	+131	+165	+161	+3.8	+93	+6.1	-1.6	-4.0	+1.1	+3.7	-1	\$163	\$143	\$201	\$147
TOPBOS LEADING EDGE L292	DBLL292	+1.7	+6.9	+76	+132	+172	+156	+1.9	+85	+6.4	-0.2	-3.1	+1.3	+1.8	+17	\$166	\$144	\$186	\$157
THE ROCK K8	ATZK8	+10.5	+1.9	+50	+97	+123	+90	+3.1	+71	+7.2	+0.4	+0.5	+1.1	+1.2	+2	\$143	\$131	\$146	\$140
RENNYLEA L508	NORL508	+2.6	+2.6	+46	+87	+116	+91	+1.7	+70	+5.6	+0.7	+1.0	-1.4	+4.2	+5	\$138	\$116	\$162	\$126
RENNYLEA L519	NORL519	+6.1	+4.8	+57	+103	+137	+126	+0.8	+76	+6.8	+1.4	+1.9	-1.5	+4.3	+30	\$163	\$131	\$193	\$147
LAWSONS MOMENTOUS M518	VLYM518	-0.8	+4.1	+52	+96	+116	+86	+2.7	+63	+14.6	+0.0	-0.8	+0.6	+4.6	+20	\$138	\$127	\$163	\$127
LANDFALL KEYSTONE K132	TFAK132	+6.2	+2.2	+59	+111	+147	+132	+0.9	+100	+7.2	+1.9	-1.6	+0.1	+2.0	+13	\$156	\$133	\$171	\$147
DUNOON NELLIGEN N087	BHRN087	-3.5	+6.3	+63	+114	+155	+157	+3.0	+87	+3.3	-2.0	-2.7	-0.2	+5.1	+9	\$156	\$125	\$202	\$135
DUNOON NETHERBY N098	BHRN098	+4.2	+3.2	+56	+103	+140	+128	+2.8	+76	+2.2	-1.2	-2.3	+0.0	+3.2	+0	\$132	\$116	\$154	\$123
DUNOON NUMURKAH N185	BHRN185	+2.5	+4.2	+61	+112	+149	+119	+4.2	+82	+7.8	+1.8	+1.3	-0.3	+3.0	+8	\$163	\$135	\$184	\$153
DUNOON NEW JERSEY N246	BHRN246	-5.2	+5.8	+63	+116	+154	+155	+3.7	+81	+4.6	-2.9	-5.1	+2.2	+2.7	+13	\$147	\$128	\$178	\$133
DUNOON NORTON N169	BHRN169	+2.4	+5.2	+55	+85	+119	+117	+1.2	+73	+6.0	-0.3	-0.3	+0.5	+0.9	+1	\$112	\$103	\$109	\$113
BREED AV. 202		+1.9	+4.2	+48	+87	+114	+98	+2.0	+65	EMA	Rib	P8	RBY	IMF	Doc	ABI	Dom	Grn	Grs



(CATTLE) AND WAYBILL	c0720 23637616	5 In the past 6 months have any of these animals been on a property listed on the ERP database or placed under any restrictions because of chemical residues?
This form cannot be used where eligibility for the EU market is required.	for the EU market is required.	Yes No V If Yes, give details:
Part A To be completed by the owner or person who is responsible for the husbandry of the cattle.	onsible for the husbandry of the cattle.	6 Are any of the cattle in this consignment still within a Withholding Period (WHP) or Export Slaughter
Owner of cattle RR + SA HARBISON F/T		Interval (ESI) as set by APVMA or SAFEMEAT, following treatment with any veterinary drug or chemical? Yes No Yes, give details: (Record additional details in question 9)
Property/place where the journey commenced DUI	DUNDON HOLB POOLED STATES	CHEMICAL PRODUCT OHE past 60 days, have any of the cattle in this consignment consumed any material that
Property Identification Code (PIC) of this property This MUST be the PIC of the property that the stock is being moved from Description of cattle	NK320485	ithin a withholding period when harvested, collected or first graz No 📝 If Yes, give details:
Number Description (BREED, ST., E.G., HERFORD CHOSS STERS)	Втацае от ЕаттатКв (и риезент ок лединер)	8 In the past 42 days, were any of these cattle a) grazed in a spray risk area; or b) fed fodders cut from a spray drift risk area? (see Explanatory Notes for definition of spray drift risk area.) Yes \(\triangle \t
L63 Total Use the Attachment Forms for consignments that	Use the Attachment Forms for consignments that require more lines to describe the stock. (See Explanatory Notes)	Declaration
		FULL ADDRESS
ADDRESS) Destination (if different) of cattle	(TOWN, SUBURB) (STATE)	TIMARU IT CAMPBELLS RD HOLBROOM NSW X
Destination PIC (REQ: WA & TAS)	(LOCATION ADDRESS)	declare that, I am the owner or the person responsible for the husbandry of the cattle and that all the information in part A of this document is true and correct. I also declare that I
NLIS devices used on these cattle Number of ear tags 163 Number of rumen device. Details of other statutory documents relating to this movement e.g. health statement	Verment e.g. health statement	have read and understood all the questions that I have answered, that I have read and understood the explanatory notes, and that, while under my control, the cattle were not fed restricted animal material (including meat and bong meal) in breach of State or Territory legislation.
DOCUMENT TYPE NUMBER	/ /20	Signature* Actiful 27 08/2021 *Only the peryon whose name appears above may sign this declaration, or make amendments which must be initialled.
1 Have any of the cattle in this consignment ever in their lives been treated with a hormonal growth promotant (HGP)? (Use a second document for mixed consignments.) Yes \(\sum \) No \(\sum \)	their lives been treated with a document for mixed consignments.)	
the cat	ves been fed feed containing animal fats?	Completion of this part is optional in SA and VIC. Movement commenced: / /20 : (am/pm)
3 Has the owner stated above owned these cattle since their birth? Yes No If No, how long were the cattle obtained or purchased if burchased at different times tick the box corresponding to the time of the most recent nurchase.	ove owned these cattle since their birth? If No, how long were the cattle obtained or purchased? ck the box corresponding to the time of the most recent purchase.)	Vehicle registration number(s)*:
A. Less than 2 months B. 2-6 months C. 6-12 months D. more than 12 n 4 In the past 60 days, bave any of these cattle been fed by-product stockfeeds? Yes No Valendard a copy of an analyst's report if available.	C. 6-12 months D. more than 12 months D. more	Increment and declare all the information in Part B is true and correct. Signature *When more than one truck is carrying the cattle, other vehicle registration numbers are to be recorded.

Location Map



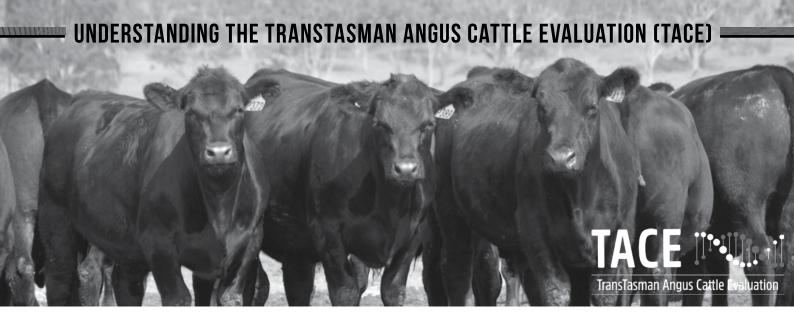
"Dunoon", 2137 Jingellic Road, HOLBROOK, NSW, Australia 2644

Taking Delivery of Your New Bull

To help your new bull or bulls settle into their new home as well as possible, the following points may be of some help.

- All Dunoon bulls are run in large mobs all their life, so they've always had plenty of mates around, and have "never" been alone.
- It's a good idea to have some of your own cattle in the yards when your new bull(s) arrive, a handfull of steers, or PTIC cows or even an old bull; just something to keep them company, whilst they survey their new surroundings.
- At Dunoon, we handle our cattle quietly and confidently, we always give our cattle respect, and our cattle respect us. We use gators and a ute, with <u>controlled</u> use of <u>obedient</u> dogs. The bulls have <u>not</u> been handled with horses.
- Handle your new bull(s) quietly and with respect and he'll settle into his new home well, and will be easy to handle whenever the need arises.





What is the TransTasman Angus Cattle Evaluation?

The TransTasman Angus Cattle Evaluation is the genetic evaluation program adopted by Angus Australia for Angus and Angus influenced beef cattle. The TransTasman Angus Cattle Evaluation uses Best Linear Unbiased Prediction (BLUP) technology to produce Estimated Breeding Values (EBVs) of recorded cattle for a range of important production traits (e.g. weight, carcase, fertility).

The TransTasman Angus Cattle Evaluation is an international genetic evaluation and includes pedigree, performance and genomic information from the Angus Australia and Angus New Zealand databases, along with selected information from the American and Canadian Angus Associations.

The TransTasman Angus Cattle Evaluation utilises a range of genetic evaluation software, including the internationally recognised BLUPF90 family of programs, and BREEDPLAN® beef genetic evaluation analytical software, as developed by the Animal Genetics and Breeding Unit (AGBU), a joint institute of NSW Agriculture and the University of New England, and Meat and Livestock Australia Limited (MLA).

What is an EBV?

An animal's breeding value can be defined as its genetic merit for each trait. While it is not possible to determine an animal's true breeding value, it is possible to estimate it. These estimates of an animal's true breeding value are called EBVs (Estimated Breeding Values).

EBVs are expressed as the difference between an individual animal's genetics and a historical genetic level (i.e. group of animals) within the TACE genetic evaluation, and are reported in the units in which the measurements are taken.

Using EBVs to Compare the Genetics of Two Animals

TACE EBVs can be used to estimate the expected difference in the genetics of two animals, with the expected difference equating to half the difference in the EBVs of the animals, all other things being equal (e.g. they are joined to the same animal/s).

For example, a bull with a 200 Day Growth EBV of +60 would be expected to produce progeny that are, on average, 10 kg heavier at 200 days of age than a bull with a 200 Day Growth EBV of +40 kg (i.e. 20 kg difference between the sire's EBVs, then halved as the sire only contributes half the genetics).

Or similarly, a bull with an IMF EBV of +3.0 would be expected to produce progeny with on average, 1% more intramuscular fat in a 400 kg carcase than a bull with a IMF EBV of +1.0 (i.e. 2% difference between the sire's EBVs, then halved as the sire only contributes half the genetics).

Using EBVs to Benchmark an Animal's Genetics with the Breed

EBVs can also be used to benchmark an animal's genetics relative to the genetics of other Angus or Angus infused animals in Australia.

To benchmark an animal's genetics relative to other Angus animals, an animal's EBV can be compared to the EBV reference tables, which provide:

- the breed average EBV
- the percentile bands table

The current breed average EBV is listed on the bottom of each page in this publication, while the current EBV reference tables are included at the end of these introductory notes. For easy reference, the percentile band in which an animal's EBV ranks is also published in association with the EBV.

Considering Accuracy

An accuracy value is published with each EBV, and is usually displayed as a percentage value immediately below the EBV.

The accuracy value provides an indication of the reliability of the EBV in estimating the animal's genetics (or true breeding value), and is an indication of the amount of information that has been used in the calculation of the EBV.

EBVs with accuracy values below 50% should be considered as preliminary or of low accuracy, 50-74% as of medium accuracy, 75-90% of medium to high accuracy, and 90% or greater as high accuracy.

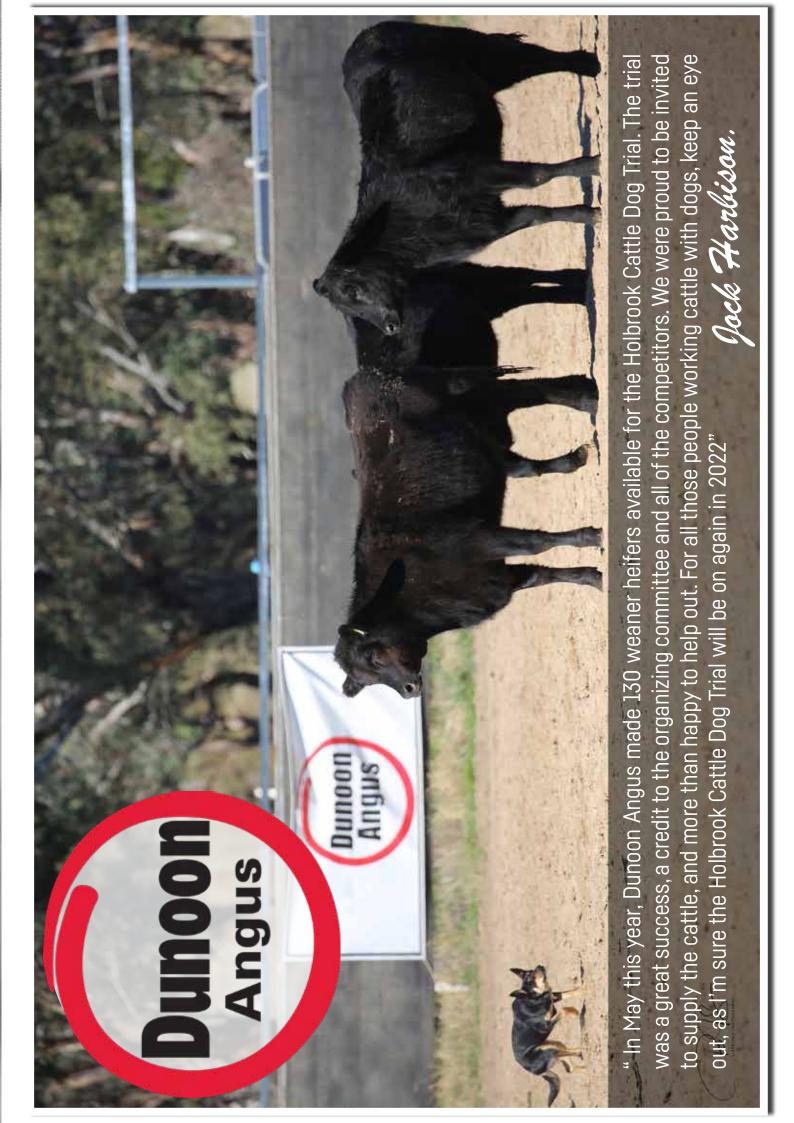
Description of TACE EBVs

EBVs are calculated for a range of traits within TACE, covering calving ease, growth, fertility, maternal performance, carcase merit, feed efficiency and structural soundness. A description of each EBV included in this publication is provided on the following page.

UNDERSTANDING ESTIMATED BREEDING VALUES (EBVS) =

	_			
	CEDir	%	Genetic differences in the ability of a sire's calves to be born unassisted from 2 year old heifers.	Higher EBVs indicate fewer calving difficulties in 2 year old heifers.
Birth	CEDtrs	%	Genetic differences in the ability of a sire's daughters to calve unassisted at 2 years of age.	Higher EBVs indicate fewer calving difficulties in 2 year old heifers.
	GL	days	Genetic differences between animals in the length of time from the date of conception to the birth of the calf.	Lower EBVs indicate shorter gestation length.
	BW	kg	Genetic differences between animals in calf weight at birth.	Lower EBVs indicate lighter birth weight.
	200 Day	kg	Genetic differences between animals in live weight at 200 days of age due to genetics for growth.	Higher EBVs indicate heavier live weight.
۔	400 Day	kg	Genetic differences between animals in live weight at 400 days of age.	Higher EBVs indicate heavier live weight.
Growth	600 Day	kg	Genetic differences between animals in live weight at 600 days of age.	Higher EBVs indicate heavier live weight.
0	MCW	kg	Genetic differences between animals in live weight of cows at 5 years of age.	Higher EBVs indicate heavier mature weight.
	Milk	kg	Genetic differences between animals in live weight at 200 days of age due to the maternal contribution of its dam.	Higher EBVs indicate heavier live weight.
Fertility	DtC	days	Genetic differences between animals in the time from the start of the joining period (i.e. when the female is introduced to a bull) until subsequent calving.	Lower EBVs indicate shorter time to calving.
Fer	SS	cm	Genetic differences between animals in scrotal circumference at 400 days of age.	Higher EBVs indicate larger scrotal circumference.
	CWT	kg	Genetic differences between animals in hot standard carcase weight at 750 days of age.	Higher EBVs indicate heavier carcase weight.
	EMA	cm ²	Genetic differences between animals in eye muscle area at the 12/13th rib site in a 400 kg carcase.	Higher EBVs indicate larger eye muscle area.
Carcase	Rib Fat	mm	Genetic differences between animals in fat depth at the 12/13th rib site in a 400 kg carcase.	Higher EBVs indicate more fat.
Carc	P8 Fat	mm	Genetic differences between animals in fat depth at the P8 rump site in a 400 kg carcase.	Higher EBVs indicate more fat.
	RBY	%	Genetic differences between animals in boned out saleable meat from a 400 kg carcase.	Higher EBVs indicate higher yield.
	IMF	%	Genetic differences between animals in intramuscular fat (marbling) at the 12/13th rib site in a 400 kg carcase.	Higher EBVs indicate more intramuscular fat.
Other	NFI-F	kg/ day	Genetic differences between animals in feed intake at a standard weight and rate of weight gain when animals are in a feedlot finishing phase.	Lower EBVs indicate more feed efficiency.
0	Doc	%	Genetic differences between animals in temperament.	Higher EBVs indicate better temperament.
cture	Foot Angle	score	Genetic differences in foot angle (strength of pastern, depth of heel).	Lower EBVs indicate more desirable foot angle.
Structure	Claw Set	score	Genetic differences in claw set structure (shape and evenness of claws).	Lower EBVs indicate more desirable claw structure.
	ABI	\$	Genetic differences between animals in net profitability per cow joined in a typical commercial self replacing herd using Angus bulls. This selection index is not specific to a particular production system or market end-point, but identifies animals that will improve overall profitability in the majority of commercial grass and grain finishing beef production systems.	Higher selection index values indicate greater profitability.
Selection Index	DOM	\$	Genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting the domestic supermarket trade.	Higher selection index values indicate greater profitability.
Selec	HGRN	\$	Genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting pasture grown steers with a 250 day feedlot finishing period for the grain fed high quality, highly marbled markets.	Higher selection index values indicate greater profitability.
	HGRS	\$	Genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting pasture finished steers.	Higher selection index values indicate greater profitability.





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