Dairy Beef Progeny Test

400d weights for 2023 born calves

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November Update:

400-day weight and calving traits of 2023 born calves at Renown

This report covers the 400-day weights for the sires of calves born in the 2023 cohort of the Dairy Beef Progeny Test. These calves were drafted into four management herds in January 2024 (big and small steers, and big and small heifers), with approximately equal numbers of progeny per sire in each herd. All calves have stayed in these groups since this date.

The 400-day weights were recorded when the animals averaged 391 days of age, approximately 14 days earlier than last season.

The liveweights presented have been analysed alongside all sires and progeny which have records in the Progeny Test up to 400-day weights. This includes animals from both Renown and Limestone Downs (the Progeny Test site for cohorts 1 and 2).

The analysis includes age at weighing and the progeny contemporary grouping (a combination of cohort-year, sex and grazing herd). The sire mean obtained is the mean performance of all progeny which have been in the Progeny Test (Link Sires have progeny across different cohorts).

Birth Weight and Gestation Length are presented in the table below to facilitate comparisons between bulls. These are the same values reported previously (July 2024 report).

Table 1: 400-day weight of 2023-born calves.

Least squares means for sires of 2023-born calves for 400-day Weight, 200-day Weight, Birth Weight and Gestation Length. The "n" column indicates the number of progeny that were measured at 400-days of age. The rank of the sire within the cohort for 400-day weight is shown in brackets.

Sire Name	Breed	Herdbook ID	n	400d Weight (kg)	200d Weight (kg)	Gestation Length (days)	Birth Weight (kg)
Minko Maki	Akauishi Wagyu	MDBFM00009	27	244 (17)	155	285.0	35.5
Kakahu 20085 (Kakahu Project)	Angus	NZE13300020085	25	273 (7)	171	277.9	34.5
Kincardine KC Kingdom 15-531Φ	Angus	13459015531	39	266 (15)	158	279.8	35.2
Totaranui Cash Deal Q208	Angus	12922019Q208	30	270 (9)	170	278.2	34.6
Kakahu Milestone	Charolais	001190600E	21	276 (5)	173	280.3	38.6
Ardo Trust 455	Hereford	0277200455	26	265 (16)	171	283.4	35.0
Ardo Vostock 5341Φ	Hereford	0277155341	32	277 (4)	171	281.2	35.1
Beechwood Imposer 44Φ	Hereford	0051180044	44	273 (7)	170	279.7	38.0
Koanui Sizzler R039	Hereford	0216200039	21	276 (5)	171	283.7	38.9
Mahuta Ocean 8073Φ	Hereford	0828188073	34	278 (3)	175	280.2	36.9
Ngakouka Patu 2020	Hereford	1557200020	28	281 (1)	171	284.3	41.5
NZHA Cooper 18 274	Hereford	1660180274	23	267 (14)	161	285.0	36.7
Orari Gorge Upper Hutt 200095^	Hereford	0400200095	11	270 (9)	168	283.4	40.0
Riverton Easter 19 29	Hereford	0091190029	28	279 (2)	177	282.4	41.2
Chequers Raptor R5	Murray Grey	2548200005	27	268 (13)	167	284.6	36.9
Stabilizer 19S180	Stabilizer	N/A	27	269 (11)	171	282.3	34.5
Stabilizer 21S161	Stabilizer	N/A	30	269 (11)	171	282.0	37.1
Average of all DBPT Bulls				**264**	**167**	**281.5**	**37.9**

Note: there are some minor differences in the numbers compared to the Calving Trait report as the last of the DNA results (re-samples) have been processed since that analysis.

Φ Link sires
^ Half the number of straws allocated at insemination compared to the other sires used

*The asterisk after the name denotes that these bulls are link sires.