



Dairy Beef Progeny Test

400d weights for 2020-born calves

NOVEMBER 2021

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2020 born Dairy Beef
Progeny Test Heifers –
March 2021

B+LNZ GENETICS DAIRY-BEEF PROGENY TEST

NOVEMBER UPDATE

400d weight of 2020-born calves at Renown

This report details the 400-day weights for sires of the calves born in the 2020 drop of the Dairy Beef Progeny Test. These calves were drafted into four management herds in January 2021 (big and small steers, and big and small heifers) with approximately equal numbers of progeny per sire in each herd. The calves have remained in these herds thereafter, except for 27 steers that moved from the big steer group to the small steer group. Liveweight at 400-days was recorded at an average age of 422 days for this cohort, in September 2021.

The liveweights presented are analysed alongside all existing sires and progeny in the Progeny Test at both Limestone Downs and Renown, and the analysis includes age at weighing and contemporary group (which includes the year and sex effects as well as grazing herd). Means for sires which are used over more than one cohort are based on the performance of all progeny in all cohorts. The mean weight for the 2020-born calves was lower than for previous cohorts, however, the presence of progeny from link sires allows this contemporary group effect to be adjusted for. The reduced overall population mean has led to a reduction in expected performance for all sires, but has not changed the ranking of sires that were previously assessed.

Birth weight and gestation length are also presented in this table to facilitate bull comparisons – these are the same values presented previously.

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400d weight of 2020-born calves Table 1. Least squares means for sires of 2020-born calves for 400-day weight, birth weight and gestation length. 'n' indicates the number of progeny that were measured at 400-days. The rank within the cohort for 400-day weight is shown in brackets.

Sire Name	Herdbook#	Breed	n	400d weight (kg)	Gestation Length (days)	Birth weight (kg)
29AN1920 ABS Protégé 306	N/A	Angus	30	282 (9)	279.6	38.5
Focus 173075	194990173075	Angus	26	299 (2)	277.7	36.4
Glanworth 17013	12154017013	Angus	40	281 (10)	277.1	32.5
Kincardine KC Kingdom 15-531	13459015531	Angus	26	275 (14)	280.1	35.0
Rissington 160043	145720160043	Angus	40	274 (16)	275.8	32.9
Shalom Waigroup 319/07	10596007319	Angus	19	285 (7)	280.0	36.8
Bruno van de Plashoeve	NL671357027	Belgian Blue	33	276 (13)	277.1	39.4
JN Balder D403	HB011124	Black Hereford	25	268 (23)	279.7	36.0
829XB0064 NuEra T14 0064	829AN1920	Composite	20	272 (17)	280.3	36.4
Increva PP	10/171930	Fleckveih	28	283 (8)	288.1	41.3
Ardo Ajax 7086	0277177086	Hereford	26	275 (15)	280.7	34.1
Ardo Fargo 7022	0277177022	Hereford	41	271 (21)	282.5	37.3
Koanui Legend 7109	0216177109	Hereford	31	277 (11)	283.2	36.8
Matariki 110637	0281110637	Hereford	25	290 (5)	283.0	39.2
Wirruna Matty M288	AUWNAM288	Hereford	28	290 (6)	278.0	36.3
Yavenvale Nockout N312	YAVN312	Hereford	23	277 (12)	282.9	38.6
Mangatara 798N	MTA1N798	Limousin	25	272 (20)	280.8	37.0
Tinopai VJ Awhitu 1373	172917037	Red Devon	19	272 (19)	282.3	38.2
Glenside Crumpy C4	1312AC0004	Simmental	50	298 (3)	280.4	36.9
Kerrah Exchequer E502	1667AE0502	Simmental	25	272 (18)	285.3	37.8
Leafland E121	1614AE0121	Simmental	25	295 (4)	282.6	39.2
Rissington New Standard AU158	0049AU0158	Simmental	25	305 (1)	278.1	39.0
Focus 18 Carat S046	N/A	Stabilizer	29	264 (24)	280.8	37.8
Focus Prophet S36	N/A	Stabilizer	33	269 (22)	280.8	36.4