3785 - McCAW

Name **NZ Cashmere McCaw**

DOB 24-08-16
Birth rank Twin
Birth colour Superwhite
Tag **NZC 3785**

Fleece performance

	Age	Total Fleece weight	Yeild %	Total Down weight	MFD (<35*u*)	Mean Curve (Â°/mm)	Staple Length (mm)	SD *u*	CV %	Colour	Comment at shearing
29-08-17	1yr	546	60	**328**	**15.2**	63.9	61	2.6	16.9	WW	Exceptional cover & style, particularly front shoulder. Very dense, quite a bit left on when shorn, very nice style

Body weight 12 months
Body weight Dec 2017

Comments: 3875 has tremendous cover, style and body conformation. He was used for 2017 mating at 8 months old and then went to quarantine and semen collection. This would have affected his first fleece results. He has a very dense fleece and quite a lot of fibre was unable to be shorn off. He is medium micron but would add great attributes to selected does.

From 36 kids born from his mating from white 1year does - 32 were Superwhite, 1 was white, 3 were Cream

SIRE 3785 was born from a group mating. What we considered the five best 8 month old buck kids were run with the top mixed age does. 3275, 336, 3433, 3476, No tag

Dam **3199**
DOB

Sire:

2014			est 50%	267	est 18					WW	Exceptional cover & style
2015			est 50%	244	est 18					WW	Ex cover, long good style
2016			est 45%	207	test 16.9					WW	
2017		546	est 55%	300	18.5	68.3	51	2	10.8	WW	

3774 - DIXON



Name **NZ Cashmere Dixon**

DOB 22-08-16
Birth rank Twin
Birth colour Super White
Tag **NZC 3774**

Fleece performance

	Age	Total Fleece weight	Yeild %	Total Down weight	MFD (<35*u*)	Mean Curve (Â°/mm)	Staple Length (mm)	SD *u*	CV %	Colour	Comment at shearing
29-08-17	2	334	55	**184**	**14.9**	74.7	42	2.4	15.8		

Body weight 12 months
Body weight Dec 2017

Comments: Very fine style, exceptional handle, very even cover. Very good conformation and feet. Dixon was selected and used for 2017 mating and then went to quarantine and semen collection. This would have affected his first fleece results.

SIRE 3774 was born from a group mating. What we considered the five best 8 month old buck kids were run with the top mixed age does. 3275, 3336, 3433, 3476, No tag

Dam **3202**
DOB

Sire:

2015	1	348	est 50%	174	16.5					WC	Ex cover & style, WC
2016	2	394	est 50%	197	16.8					WC	A+, excellent cover, WC
2017	3	364	est 50%	182	Est 16					WC	WC, nice style

3476 - ADAMS

Name **NZ Cashmere - Adams**

DOB 20-09-14
Birth rank Single
Birth colour Super white
Tag **NZC 3476**

Fleece performance

	Age	Total Fleece weight	Yeild %	Total Down weight	MFD (<35*u*)	Mean Curve (Â°/mm)	Staple Length (mm)	SD *u*	CV %	Colour	Comment at shearing
2015		452	est 40%	**181**	**13.9**					WW	Plainer style
2016		550	est 50%	**275**	**15.9**					WW	Top buck, best style
2017 - March					**17.1**	52.2	39	2.8	16.6	WW	Excellent definition
2017 - Aug		628	est 50%	**314**						WW	

Body weight 12 months
Body weight Dec 2017

Comments: Has been used in the 2016 and 2017 matings. This large handsome buck has tremendous bone,conformation and very sound feet in our wet environment . He has very even cover with good cashmere across the body with particularly good definition. We see these attributes coming through to his kids

SIRE **R189**

Dam **3209** Sire:

2014		844	est 40	**338**	**17.5**					WW	Very wooly, big fleece, big doe
Oct-14										WW	Nice spring growth
2015		644	est 45	**290**	**18**					WW	Ex cover, big doe
2016		578	est 50	**289**	**18.6**	test				WW	B, Big doe, excellent cover

L120 - Oz

Name **NZ Cashmere Oz**

DOB 2015

Birth rank

Birth colour

Tag **Bathampton L120**

Fleece performance

	Age	Total Fleece weight	Yeild %	Total Down weight	MFD (<35*u*)	Mean Curve (Â°/mm)	Staple Length (mm)	SD *u*	CV %	Colour	Comment at shearing
Jun-16	1	472	67.1	**317**	**14**	58.5		3.9	27.9		
13-01-17	1.5	551	67.5	**317**	**15.7**	64.7		4	25.5		
29-08-17	2	520	est 50%	**260**	**15.1**	63.2	40	2.8	18.6	WW	
				577							

Body weight 12 months

Body weight Dec 2017

Comments: This Australian buck was imported to New Zealand in March 2017 and used in our flock across a random selection of does. He was picked from the elite herd that ranks the highest in the Australian Cashmere Growers Association "Merrrit" assessment program. The total weight of down off 577 g at 15.1 um on his August test is very impressive given it was grown during shipping and 2 periods in quarantine facilities of approx 3 months and being used here at NZ Cashmere during mating. All kids were born super white

SIRE Bathampton J097

(ATJ J097)

	1		76.18	300	14.14						
	2		72.7	803	15						
	3		52.21	533	16.35						

Merrrit BV Indexs: Finess -0.616*um* ; Down weight +222.156; McGregor +180.723g; B

Dam Bathampton Leila Mix 8

(ATJ D273)

Sire:

	1		36.76	123	14.06						
	2		47.04	266	15.3						
	3										
	4		42.96	211	14.69						
	5		58.82	297	15.56						
	6		38.27	160	15.3						

Merrrit BV Indexs: Finess -0.693*um* ; Down weight +63.79g; McGregor +55.999g

L120 pedigree + BV's

NEW ZEALAND CASHMERE

Performance pedigree for L120
1.. 14.0, 67.1, 317
1.5. 15.7, 67.5, 317

<table>
<tr>
<td rowspan="8">S.. Bathampton J097 (ATJ J097)
1.. 14.14, 76.18, 300
2.. 15.0, 72.7, 803
3.. 16.35, 52.21, 533
-.616 222.156 180.723 B</td>
<td rowspan="4">S.. Bathampton (ATJ F073)
1.. 14.77, 52.80, 174
2.. 15.12, 59.26, 480
3.. 15.79, 54.05, 527
-.805 12.561 29.242</td>
<td rowspan="2">S.. Bathampton Darwin (ATJ D217)
1.. 13.63, 49.28, 207
2.. 14.59, 64.93, 435
-1.398 35.84 57.158</td>
</tr>
<tr>
<td>D.. Bathapton Cristine Mix 53 (ATJ A139)
1.. 14.77, 63.3, 215
2.. 15.93, 52.82, 544
3.. 15.96, 37.13, 262
4.. 15.62, 49.34, 364
5.. 15.59, 44.7, 313</td>
</tr>
<tr>
<td rowspan="4">D.. Bathampton Libby Mix 21 (ATJ E148)
1.. 15.95 60.0, 378
2.. 17.82, 72.40, 670
3.. 18.19, 64.47, 471
4.. 19.3, 76.6, 808
.212 233.395 154.533</td>
<td rowspan="2">S.. Bathampton Commander (ATJ C068)
1.. 13.96, 66.3, 252
2.. 15.72, 65.3, 816
3.. 17.58, 62.7, 796
90.586 90.586 78.998</td>
</tr>
<tr>
<td>Bathampton Libby Mix 16 (ATJ A083)
1..14.85, 64.5, 210
2.. 16.68, 51.14, 404
3.. 17.19, 53.67, 327
4.. 17.18, 50.6, 369
5.. 17.49, 67.3, 525</td>
</tr>
<tr>
<td rowspan="8">D.. Bathampton Leila Mix 8 (ATJ D273)
1.. 14.06, 36.76, 123
2.. 15.30, 47.04, 266
4.. 14.69, 42.96, 211
5.. 15.56, 58.82, 297
6.. 15.30, 38.27. 160
-.693 63.79 55.999</td>
<td rowspan="4">S.. Bathampton Bomber (ATJ B052)
1.. 14.19, 69.6, 313
2.. 16.01, 63, 545
3.. 16.02, 62.91, 591
-0.478 113.816 93.242</td>
<td rowspan="2">S. Bathampton Ziggurat (ATJ Z067)
1.. 14.53, 78.01, 304
2.. 15.74, 63.6, 512</td>
</tr>
<tr>
<td>D.. Bathampton Marigold Min 58 (ATJ W066)
1.. 14.3, 55.6, 122
2.. 15.6, 41.0, 154
3.. 15.7, 32.7, 132
4.. 15.74, 42.14, 189
6.. 15.84, 32.76, 178</td>
</tr>
<tr>
<td rowspan="4">D.. Bathampton Leila Mix 3 (ATJ A128)
1.. 15.41, 77.68, 256
2.. 16.84, 72.77, 604
3.. 17.20, 47.7, 236
4.. 15.94, 55.35, 296 -0.232
5.. 15.55, 64.38, 315
116.622 75.57</td>
<td rowspan="2">S.. Bathampton Yield Mix (ATJ Y042)
1.. 16.5, 65.0, 475
2.. 18.1, 73.5, 1381
.563 346.176 202.42</td>
</tr>
<tr>
<td>D.. Bathanpton Leila (ATJ W114)
1.. 14.3, 50.4, 126
2.. 16.1, 45.9, 200
3.. 16.4, 32.2, 147
4.. 17.82, 39.72, 177</td>
</tr>
</table>

Definitions

DEFINITIONS OF SYMBOLS AND TERMS USED IN THIS CATALOGUE

NOTE - Some are subjective and require personal judgement and interpretation. Some terms will have different meanings in different regions

TF (grams)	Total fleece weight in grams (shorn guard hair and cashmere down)
Y%	Yeild - Down content of fleece expressed as a weight as a percentage of the total fleece. Yeild can be assessed subjectively by trained classers by classing fleeces with more objectively by algorithms or machine separation during fibre testing. Care needs to be taken as fibre may include grease and moisture in raw fibre and this yield yeild. Yeild should ideally be medium to high. Low yeilding fleeces will incur greater costs in dehairing and return less to the producer per kg of dehaired cashmere. CAUTION: This figure may vary significantly during the lifetime of the animal depending on nutrition, stress, pregnancey, lacation etc.
TDW (grams)	Total down in grams. Down content of the fleece in grams, calculated from the total fleece weight multipled by the yeild
MFD (*um*)	Mean fibre diameter in micrometers. Only fibres <35 microns have been measured which alligns with the down component of the fleeces
SD (*um*)	Standard Deviation of MFD in microns. The measure of distribution of dispersion of diameters about the mean diameter. The smaller the number, the less dispersion a perferable.
CV%	Covariance or coefficient of Variation. This also is a measure for the assessment comparison of different animals. The smaller the CV(%), the less variation in fibre diar deviation to the mean. This figure is far more meaningful than SD. NB - High CV% or SD (um) in kid fleece may indicate the presence of kid guard hair.
Colour	All kids are given a colour assessment when tagged. Grades are Superwhite, White, Cream, Gold, Ginger, Brown, Blue, Black. This is an indication of future colour and assessment
Mean Curvature (Â°/mm)	Measurement of the degree of curve or crimp in the cashmere. In cashmere it is not usually see a defined crimp as in wool. Curvature influences human factors of han yarn attributes of loft and bounce. Counterintuitively Australian research associates softness with lower curvature values at an equal micron fibre. Curvature an influ overall performance of fibre. It is the characteristic that enables the fibre to be spun into a lighter yarn through needing less fibres in the cross section of the yarn, at th greater loft\fill, more air entrapment, bounce and drape and a softer feel caused by the sensory friction of mostly touching the roundness of the curve.
Medulation	These are hollow hair like fibres. They may show up as fine guard hairs which are hard to removed when dehairing. Their different structure may affect yarn colour as differently. They can create a different feel a garment.
Intermediate fibres	These fibres usually fall in micron ranges that fall at the coarse edge of cashmere down fibres. They can be very fine guard hairs, mohair type fibres from crossbreds. I be alliminated as they are hard to remove during dehairing and cause issues in yarns and garments. These can be the same or similar to medulated fibres.
Handle	Fine fibre, curvature of
F1, F2, F3 etc	Feral or farmed feral, F1 - 1st generation, F2 - 2nd generation etc. F1, F2 is widely used by livestock industry to denote the first generation of a planned breeding progr Beyond F2 farmers will generally regard animals as cashmere goats and make assessment on whether they suit their requirements. Buyers should seek production-rel flock per head production and micron, kidding percentage, liveweights etc.
EBV diameter	Estimated breeding value for cashmere fibre diameter of the second year's fleece.
EBV Down weight	Estimated breeding value for cashmere down weight of the second year's fleece.
EBV McG Index	Estimated breeding value for McGregor Index of the second year's fleece. McG index is explained over at http://cashmeremerrrit.com/