

AGE Trait List

Breeders can submit performance information for any of the following **OPTIONAL** list of traits - **ONLY**

Abbr	Trait Name *	Units	Details and assessment
FD	Fibre Diameter	micron	Mean Fibre Diameter – mid-side fleece sample
CV	Coefficient of Variation of FD	%	CV is SD divided by mean FD x 100 to provide % variability of FD – mid-side sample
SD	Standard Deviation of FD	micron	Spread of fibres above and below mean FD containing two thirds of the mid-side sample
CF	Comfort Factor	%	Percentage of fibres up to and less than 30 microns – mid-side sample
SF	Spinning Fineness	micron	Calculation of FD CV to represent spinning quality – mid-side sample
Curv	Curvature	Deg./mm	Fibre curvature (degrees/mm) related to crimp frequency – mid-side sample
Med	Medullation %	%	Tested Medullation (% of fibres tested with medullation) – mid-side sample. (Can be tested for white only)
SS	Staple Strength	N/Ktex	Tested Staple Strength (Newton/Ktex) – mid-side sample
SL	Staple Length	mm	Staple Length (mm) as measured (not adjusted) - at the mid-side (average of three measurements)
FW	Fleece Weight	kg	Total shorn Fleece Weight - as measured (not adjusted to 12 months)
SFW	Skirted Fleece Weight	kg	Skirted Fleece Weight (kg) - as measured (not adjusted to 12 months)
MA	Mating age	mth	Age (months) at mating that produces the first live cria
CW	Cria Weight	kg	Body Weight at birth (kg)
BW	Body Weight	kg	Body Weight (kg)
TestL	Testicular Length	mm	Average size (length in mm) of both testicles
Lust	Lustre	1 to 5	Lustre: The degree of fleece lustre - standard score 1 [high] to 5 [low] - midside assessment
GH	Guard Hair	1 to 5	Guard Hair: Level of guard hair across the entire fleece - standard score 1 [low] to 5 [high]
Bite	Bite	1 to 5	Bite: the alignment of teeth and pad - standard score 1 [under] to 5 [over]
Fram	Frame	1 to 5	Frame: The size and proportion of an alpaca - standard score 1 [large & heavy] to 5 [small & light]
FC	Face Cover	1 to 5	Face Cover: The area of the face covered with long fibre - standard score 1 [bare] to 5 [covered]
SkinT	Skin thickness	mm	Skin thickness from special lab test of mid-side 1 cm skin sample
SFD	Skin follicle density	f/sq mm	Skin follicle density (follicles/sq mm) – lab test mid-side skin sample
SP	Sec:Primary follicle ratio	ratio	Skin secondary to primary follicle ratio – lab test mid-side skin sample
Worm	Internal Worms	Yes/No	Had significant internal worms - Yes or No
Stag	Staggers	Yes/No	Had Rye Grass/Phalaris/Paspalum 'Staggers' - Yes or No
Ecze	Facial Eczema	Yes/No	Had Facial Eczema - Yes or No
Heat	Heat Stress	Yes/No	Had significant heat stress - Yes or No

* All traits in the above table are optional and the order of listing is no indication of importance.

However, traits particularly recommended for recording include: FD, CV, CF, SL and FW.

At present, Alpaca Breeding Values can only be calculated from the major traits being recorded by breeders – but as more data is recorded additional ABVs will be able to be reported.