

Supporting Alpaca Breeders

GIFT PLUS* TEST REPORT

Owner/s:	Waiheke Alpacas, Waiheke. NZ
Alpaca Name/Number:	Elvis, 98630.
Description	Not stated
Age at sampling	Not stated
Growth of sample	Not stated

PEDIGREE

Sire: Not stated
Dam: Not stated

MIDSIDE TEST DATA

AFD: 25.1 microns
CVD: 20.7 %
Length: 55 mm
SD 'Along Fibres': 1.40 microns
SD 'Across Sample': 4.61 microns

SD: 5.2 microns
Comfort Factor 85.4 %
Avg Daily Growth n/a mm
Curvature: 24.9 dg/mm

SHOULDER TEST DATA

AFD: 24.9 microns
CVD: 20.8 %
Length: 50 mm
SD 'Along Fibres': 1.90 microns
SD 'Across Sample': 4.55 microns

SD: 5.2 microns
Comfort Factor 86.1 %
Avg Daily Growth n/a
Curvature: 31.3 dg/mm

HIP TEST DATA

AFD: 25.5 microns
CVD: 21.5 %
Length: 55 mm
SD 'Along Fibres': 1.60 microns
SD 'Across Sample': 4.89 microns

SD: 5.5 microns
Comfort Factor 99.0 %
Avg Daily Growth n/a mm
Curvature: 26.2 dg/mm

ANALYSIS AND COMMENTS

Data indicates fibre diameter over saddle area varies by only 0.6 microns (24.9 to 25.5). This is well below the average variation experienced by most alpacas. This alpaca is therefore considered superior for breeding to reduce variation of fibre diameter over the fleece.

The average 'across sample' SD is 4.7 microns. This is above the average for an alpaca and therefore is considered suitable for mating with an alpaca that exhibits low 'across fibre' variation in order to reduce the incidence of coarse fibres.

As the age of this alpaca is not known, no comment can be made regarding average fibre diameter.

The Micron Profile indicates a significant increase in the rate of nutritional intake by fibre follicles, followed by a significant decrease in nutrition.

Summary

This alpaca is regarded as superior for breeding to achieve reduction in variation of fibre type over the fleece area, but is suggested that it be mated with an alpaca that exhibits low 'across sample' variation in order to reduce coarse fibres.

GIFT

As the above information is based on interpretation of individual data from supplied fibre samples, no responsibility can be accepted for any liability arising from reliance on the whole or part of this information. All GIFT testing is carried out on fully scoured samples under a controlled environment.

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