



Raynay's Scheherazade by GL

Pines Edge Suri Alpacas
12245 Melba Road
Black Forest CO

Date: 08.25.25
Farm ID: 11141

Registry #	36156405	Gender	Female	Date of Birth	06.01.22
Breed	Suri	Color	209 - Light Brown	Last Shear Date	05.05.24
Sire	Golden Legacy 2016	Sample Location	mid-side	Sample Date	06.04.25
Dam	WLK Amara's Princess			Age at Sample	3y 0m (36m)

FINENESS

Mean Fiber Diameter (MFD)	19.8 μm
Maximum Diameter	23.0 μm
Minimum Diameter	18.4 μm

UNIFORMITY

Fiber Diameter SD (FDSD)	4.2
Coefficient of Variation (CVD)	21.0 %
Course Edge Micron (CEM)	8.7 μm

COMFORT

Comfort Factor	97.8 %
% Fibers > 30 μm	2.2 %
% Fibers < 15 μm	5.8 %

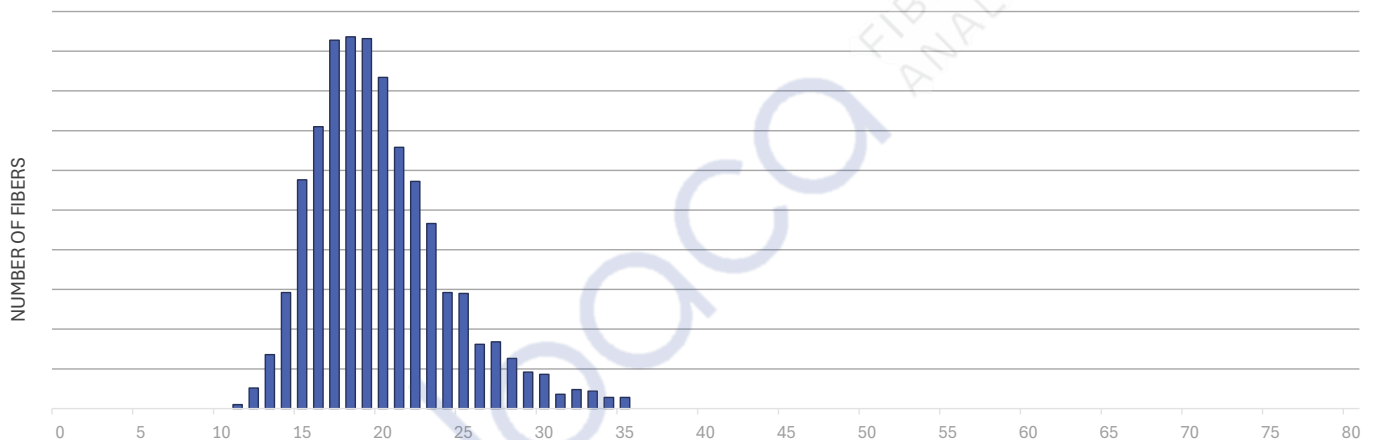
HANDLING / PROCESSING

Mean Fiber Curvature (MFC)	13.3 deg/mm
Fiber Curvature SD (FCSD)	15.1
Spinning Fineness (SF)	19.3

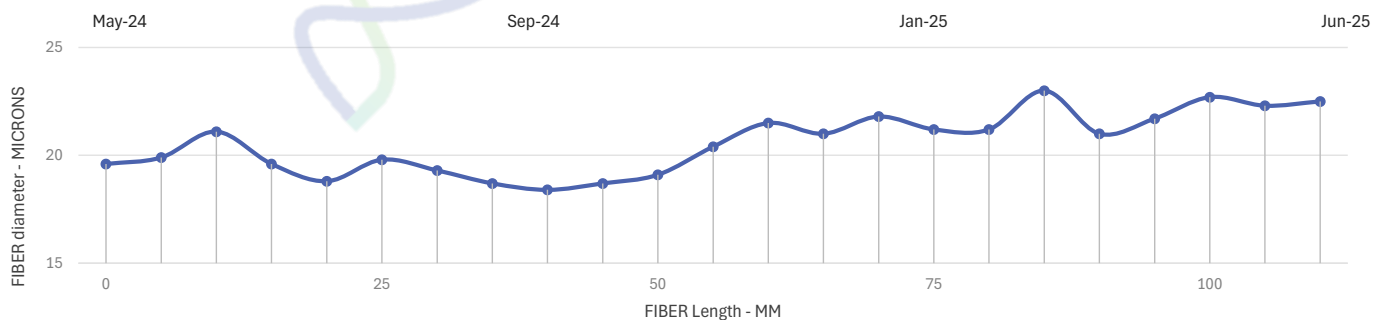
GROWTH

# of Fibers Evaluated	4751	Mean Staple Length	115 mm
		Growth rate per day	0.3 mm
		Finest point from Tip	40 mm

MICRON UNIFORMITY



FINENESS OVER TIME





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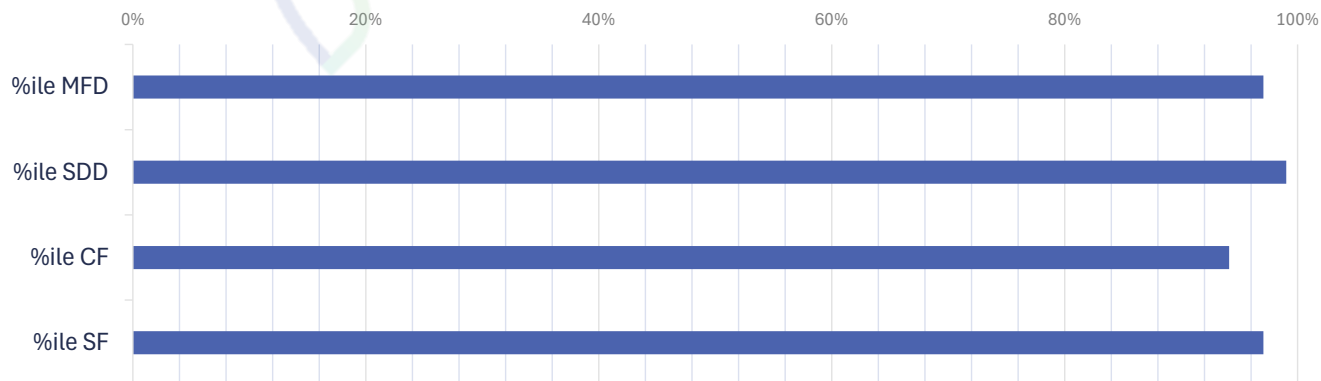
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Breed	Suri	Color	209 - Light Brow	Last Shear Date	05.05.24
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Dam	WLK Amera's Princess			Age at Sample	3y 0m (36m)

COMPARABLE DATA

	Schera	Suri	Suri Female	Suri 3-4 Age Range	Suri Brown Color Group	Suri BR-3 Color:Age
Mean Fiber Diameter (μm)	19.8	24.4	24.9	24.3	25.2	26.6
Standard Deviation (μm)	4.2	5.6	5.7	5.5	5.7	5.7
Coefficient of Variation	21.0	23.0	23.0	0.2	22.8	21.5
Spinning Fineness (μm)	19.3	24.3	24.8	24.2	25.0	26.2
% Fibers > 30 μm	2.2	17.2	18.5	15.2	20.7	25.4
Comfort Factor (% $\leq 30\mu\text{m}$)	97.8	82.8	81.5	84.8	79.3	74.6
Mean Staple Length (mm)	115	145	140	147	139	132
Mean Curvature (deg/mm)	13.3	15.3	14.9	14.2	14.2	12.4
SD Curvature (deg/mm)	15.1	14.9	14.7	14.6	14.7	13.9

Percentile Rank vs All 3-4 Year Old Brown Suri



This data should be used for reference only. The tests were performed on the OFDA2000 using standard testing protocols.

AFA || 1.844.5ALPACAS (844.525.7222) || dking@alpacaiber.com