



Rogue's Sumatra

Pines Edge Suri Alpacas
12245 Melba Road
Black Forest CO

Date: 08.25.25
Farm ID: 11141

Registry #	36281510	Gender	Female	Date of Birth	07.20.23
Breed	Suri	Color	360 - Bay Black	Last Shear Date	07.20.23
Sire	WLK Jamayo	Sample Location	mid-side	Sample Date	06.04.25
Dam	GLR Jazlen			Age at Sample	1y 10m (23m)

FINENESS

Mean Fiber Diameter (MFD)	19.3 μm
Maximum Diameter	22.6 μm
Minimum Diameter	19.5 μm

UNIFORMITY

Fiber Diameter SD (FDSD)	4.5
Coefficient of Variation (CVD)	23.2 %
Course Edge Micron (CEM)	10.0 μm

COMFORT

Comfort Factor	96.6 %
% Fibers > 30 μm	3.4 %
% Fibers < 15 μm	9.7 %

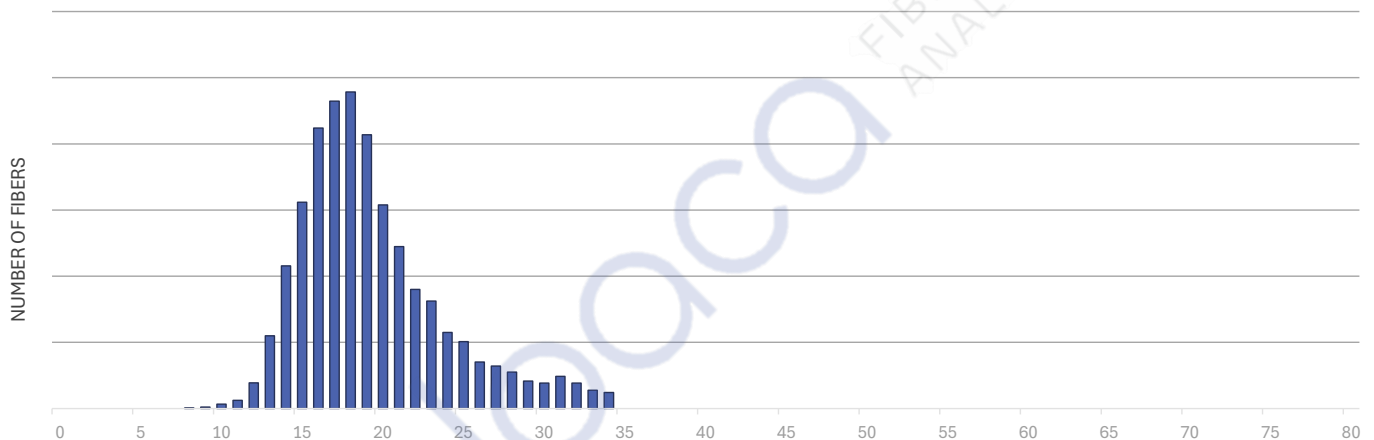
HANDLING / PROCESSING

Mean Fiber Curvature (MFC)	18.4 deg/mm
Fiber Curvature SD (FCSD)	20.3
Spinning Fineness (SF)	19.1

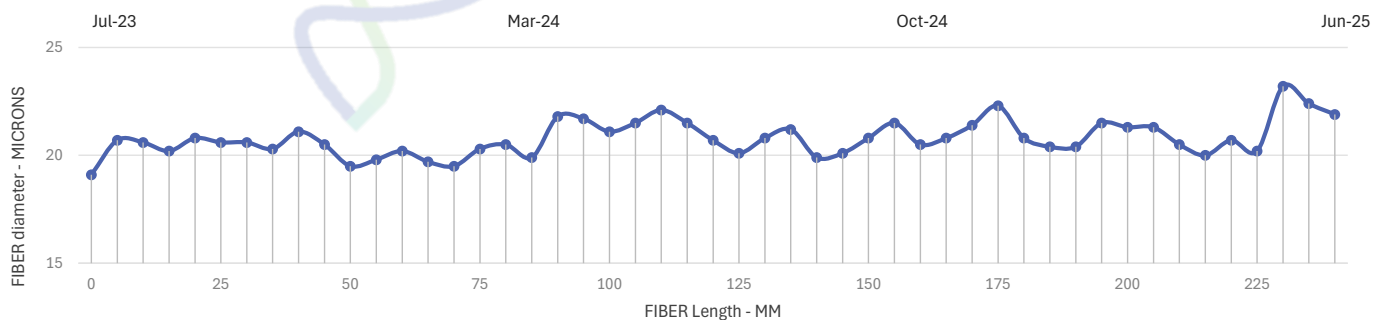
GROWTH

Mean Staple Length	250 mm
Growth rate per day	0.4 mm
Finest point from Tip	10 mm

MICRON UNIFORMITY



FINENESS OVER TIME





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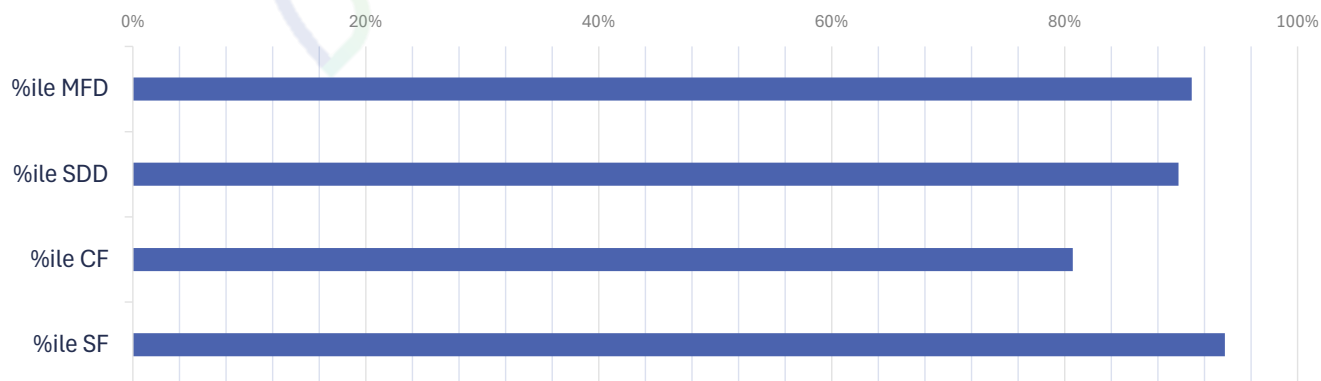
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COMPARABLE DATA

	Sumatra	Suri	Suri Female	Suri 1-2 Age Range	Suri Black Color Group	Suri BL-1 Color:Age
Mean Fiber Diameter (μm)	19.3	24.4	24.9	20.3	25.5	23.2
Standard Deviation (μm)	4.5	5.6	5.7	4.9	6.0	5.7
Coefficient of Variation	23.2	23.0	23.0	0.2	23.7	24.4
Spinning Fineness (μm)	19.1	24.3	24.8	20.4	25.6	23.4
% Fibers > 30 μm	3.4	17.2	18.5	5.2	22.7	12.3
Comfort Factor (% $\leq 30\mu\text{m}$)	96.6	82.8	81.5	94.8	77.3	87.7
Mean Staple Length (mm)	250	145	140	173	138	189
Mean Curvature (deg/mm)	18.4	15.3	14.9	16.5	14.3	15.3
SD Curvature (deg/mm)	20.3	14.9	14.7	16.6	15.0	16.8

Percentile Rank vs All 1-2 Year Old Black Suri



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

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