Astor's Brisa

Buttermilk Forty Alpacas
17363 Ream Spring Rd
Sedalia MO

Date: 09.10.25
Farm ID: 03397

Registry #	36305896	Gender	Female	Date of Birth	08.19.24
Breed	Suri	Color	360 - Bay Black	Last Shear Date	08.19.24
Sire	Astor of Harmony	Sample Location	mid-side	Sample Date	04.11.25
Dam	Breezee			Age at Sample	0y 7m (8m)

FINENESS

Mean Fiber Diameter (MFD)	**19.5**	µm
Maximum Diameter	23.7	µm
Minimum Diameter	16.6	µm

UNIFORMITY

Fiber Diameter Standard Devi	**4.4**	
Coefficient of Variation of Fibe	22.6	%
Course Edge Micron (CEM)	8.6	µm
SD Along Fiber Length	2.4	

COMFORT

Comfort Factor	**97.5**	%
% Fibers > 30 µm	2.5	%
% Fibers < 15 µm	11.7	%

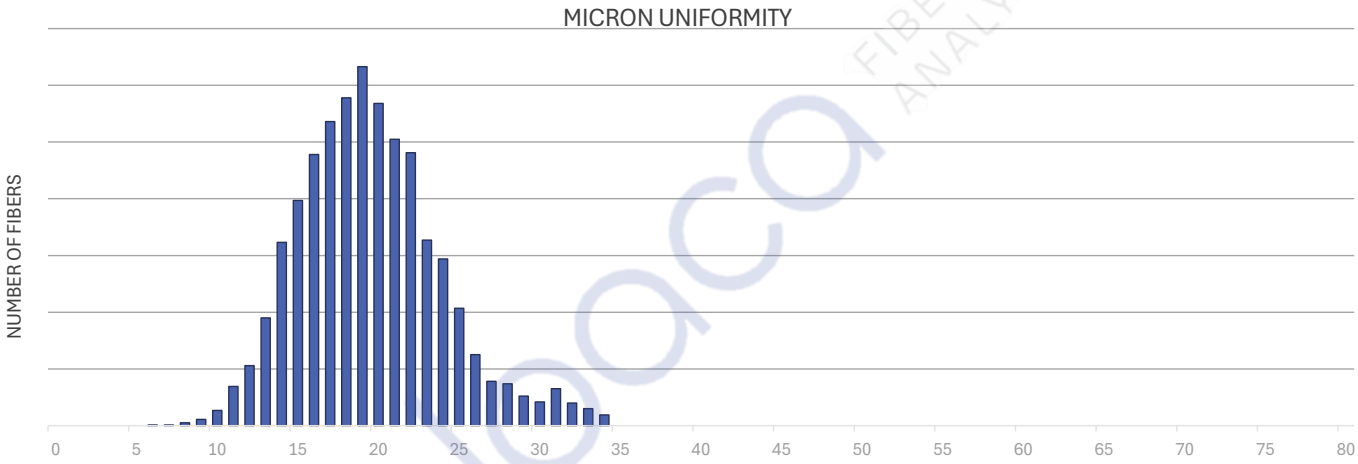
HANDLING / PROCESSING

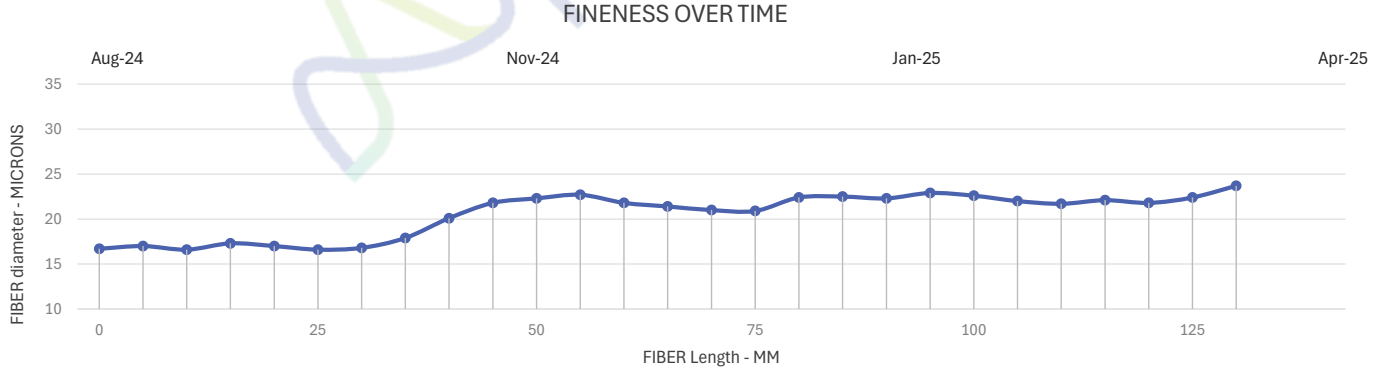
Mean Fiber Curvature	**14.3**	deg/mm
Fiber Curvature Standard D	17.4	
Spinning Fineness (SF)	19.2	

# of Fibers Evaluated	6762

GROWTH

Mean Staple Length	**135**	mm
Growth rate per day	0.6	mm
Finest point from Tip	25	mm





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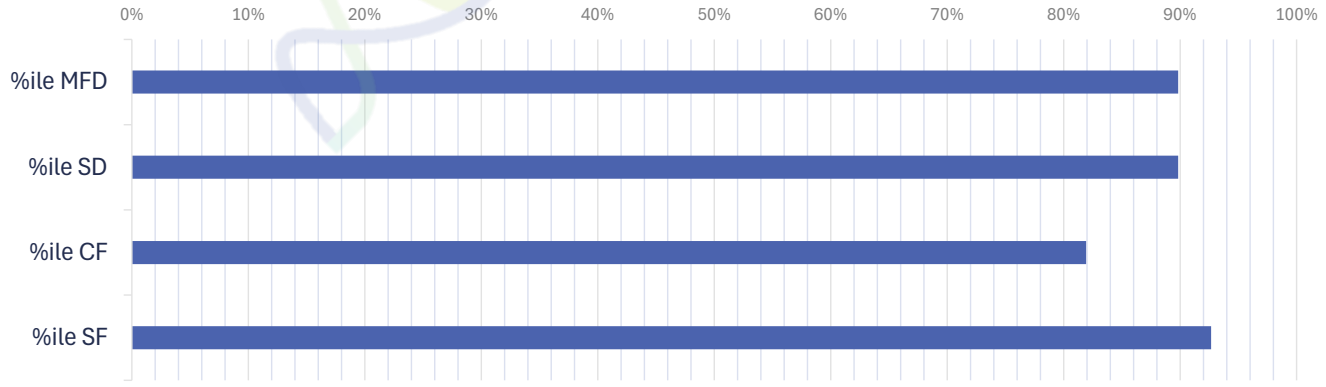
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COMPARABLE DATA

	Brisa	Suri	Suri Female	Suri 1-2 Age Range	Suri Black Color Group	Suri BL-1 Color:Age
Mean Fiber Diameter (µm)	19.5	20.0	20.3	19.1	21.4	20.6
Standard Deviation (µm)	4.4	4.2	4.3	4.0	4.5	4.4
Coefficient of Variation	22.6	21.2	21.3	21.7	21.1	21.4
Spinning Fineness (µm)	19.2	19.4	19.8	18.6	20.8	20.0
% Fibers > 30 µm	2.5	3.7	4.2	2.2	6.2	4.3
Comfort Factor (% <= 30µm)	97.5	96.3	95.8	97.8	93.8	95.7
Mean Staple Length (mm)	135	100	99	109	93	106
Mean Curvature (deg/mm)	14.3	46.7	46.3	48.1	37.7	39.2
SD Curvature (deg/mm)	17.4	24.3	24.0	24.0	21.3	20.8

Percentile Rank vs All 1-2 year old Black Suri



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