

INTERNATIONAL ALPACA ANALYTICS

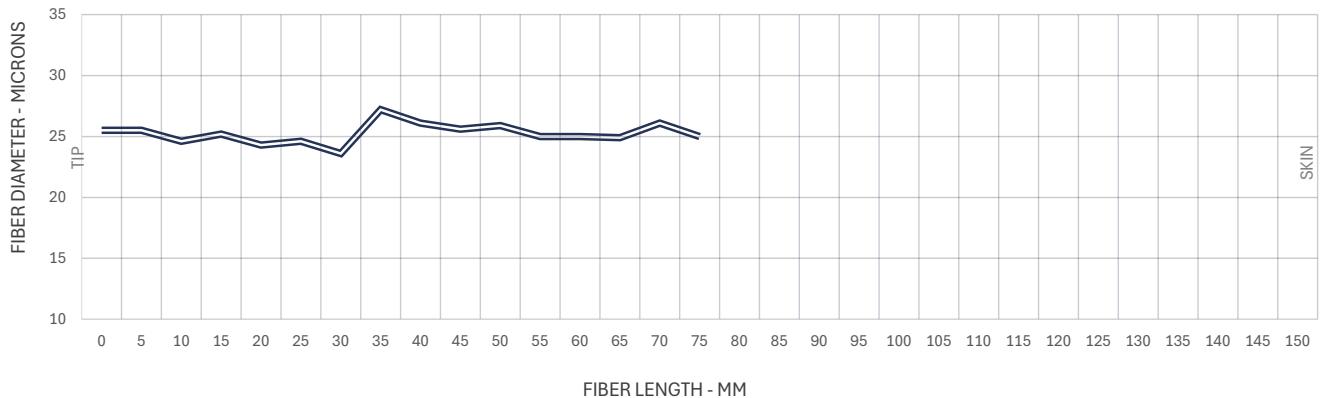
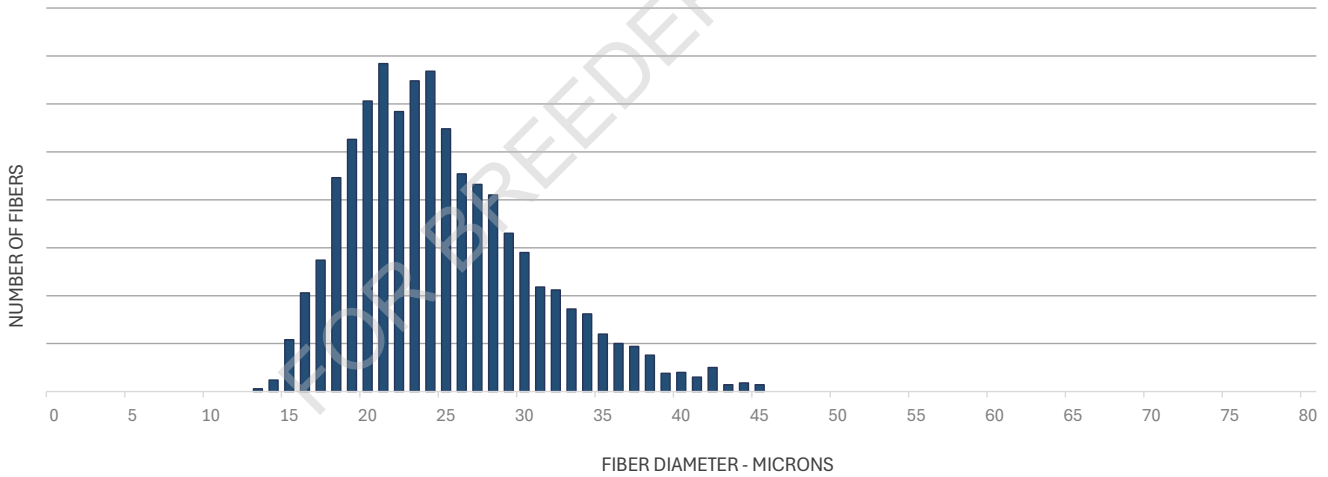
Hasselbring's Harmony Ranch
 29049 Davis Rd
 Concordia MO

Date: 06.29.24
 Farm ID: 08099

TSSS Finest Lace

Registry #	35082668	Color	204 - Medium Fawn	Date of Birth	09.12.16
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	7y 8m (92m)

Mean Fiber Diameter (MFD)	24.7 microns	Mean Staple Length	80 mm
Standard Deviation (SD)	5.8 microns	Finest point from Tip	30.0 mm
Coefficient of Variation (COV)	23.5 %	Maximum Diameter	27.2 microns
Spinning Fineness (SF)	24.6 microns	Minimum Diameter	23.6 microns
Course Edge Micron (CEM)	11.7 microns	Mean Curvature	14.1 deg/mm
% Fibers < 15 µm	0.3 %	SD Curvature	18.1 deg/mm
Prickle Factor (fibers > 30µm)	15.8 %	# of Fibers Evaluated	4,301
Comfort Factor (% <= 30µm)	84.2 %		



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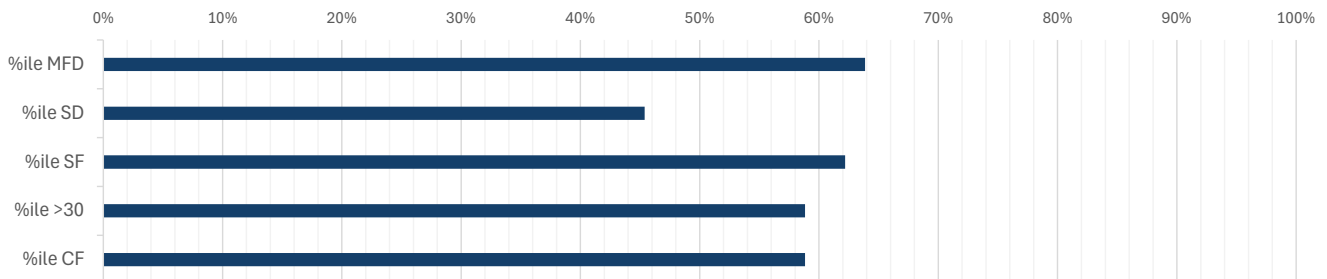
TSSS Finest Lace

Registry #	35082668	Color	204 - Medium Fawn	Date of Birth	09.12.16
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	Off	Sample Date	05.15.24
				Age at Sample	7y 8m (92m)

COMPARABLE DATA

	Finest Lace	Suri	Suri Female	Suri 7-8	Suri Fawn	Suri FA-7
			1,936	Age Range: 119	Color Group: 896	Color:Age: 40
<i>Number of Comparable Studies</i>						
Mean Fiber Diameter (µm)	24.7	22.7	23.3	26.1	22.5	25.0
Standard Deviation (µm)	5.8	5.1	5.3	5.8	5.1	5.6
Coefficient of Variation (%)	23.5	22.7	21.1	22.3	22.9	22.3
Spinning Fineness (µm)	24.6	22.6	23.2	25.9	22.4	24.8
% Fibers < 15 µm	0.3	2.1	1.6	0.1	2.8	0.0
Prickle Factor (% > 30µm)	15.8	10.5	11.9	20.5	10.1	15.6
Comfort Factor (% ≤ 30µm)	84.2	89.5	88.1	79.5	89.9	84
Mean Staple Length (mm)	80	143	137	112	139	114
Course Edge Micron (µm)	11.7	10.0	10.3	11.4	10.2	13.1
Minimum Diameter (µm)	23.6	20.9	21.5	24.9	20.7	23.8
Maximum Diameter (µm)	27.2	25.0	25.5	28.1	24.8	26.8
Mean Curvature (deg/mm)	14.1	15.7	15.5	14.3	15.9	13.9
SD Curvature (deg/mm)	18.1	15.2	14.8	13.7	15.2	12.8

PERCENTILE RANK vs ALL 7-8 YEAR OLD ANIMALS



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

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