

INTERNATIONAL ALPACA ANALYTICS

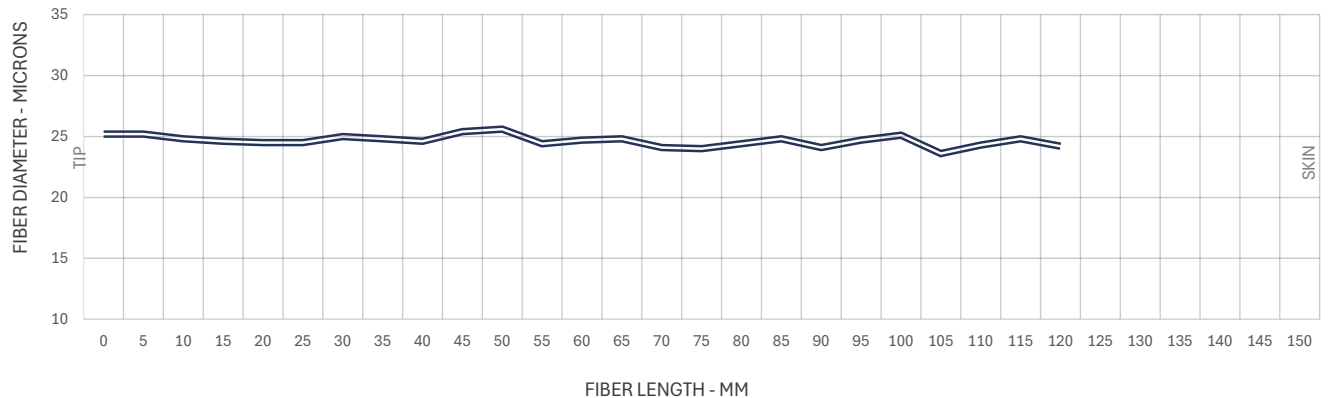
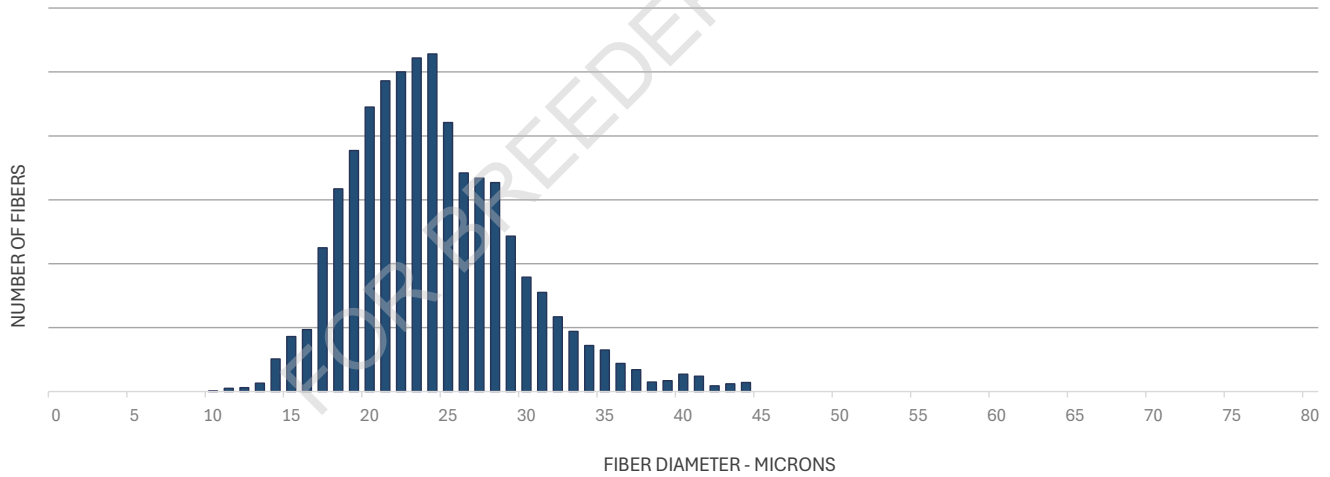
Hasselbring's Harmony Ranch
 29049 Davis Rd
 Concordia MO

Date: 06.29.24
 Farm ID: 08099

LCA Inca's Lace

Registry #	1259629	Color	100 - White	Date of Birth	06.16.05
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	18y 10m (227m)

Mean Fiber Diameter (MFD)	24.1 microns	Mean Staple Length	125 mm
Standard Deviation (SD)	5.3 microns	Finest point from Tip	105.0 mm
Coefficient of Variation (COV)	22.0 %	Maximum Diameter	25.6 microns
Spinning Fineness (SF)	23.6 microns	Minimum Diameter	23.6 microns
Course Edge Micron (CEM)	10.2 microns	Mean Curvature	13.9 deg/mm
% Fibers < 15 µm	1.2 %	SD Curvature	17.7 deg/mm
Prickle Factor (fibers > 30µm)	11.3 %	# of Fibers Evaluated	6,204
Comfort Factor (% <= 30µm)	88.7 %		



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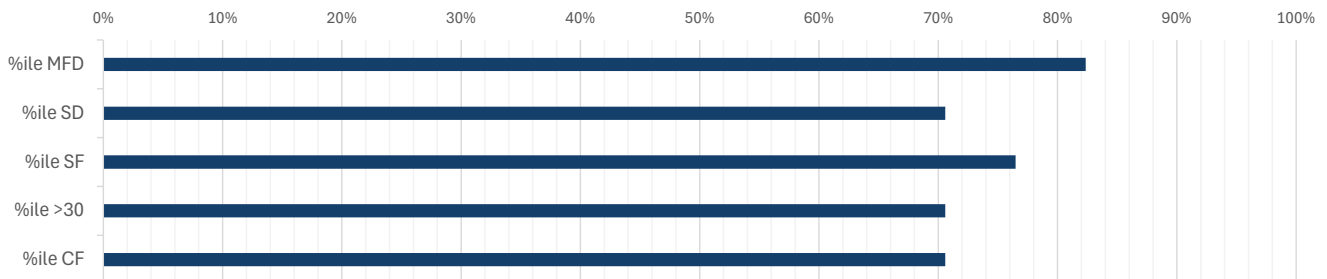
LCA Inca's Lace

Registry #	1259629	Color	100 - White	Date of Birth	06.16.05
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	Off	Sample Date	05.15.24
				Age at Sample	18y 10m (227m)

COMPARABLE DATA

	Inca's Lace	Suri	Suri Female	Suri >=15 Age Range	Suri White Color Group	Suri WH->15 Color:Age
<i>Number of Comparable Studies</i>		3,203	1,936	18	1,039	6
Mean Fiber Diameter (µm)	24.1	22.7	23.3	25.9	22.6	25.1
Standard Deviation (µm)	5.3	5.1	5.3	5.9	5.0	5.1
Coefficient of Variation (%)	22.0	22.7	21.1	22.9	22.1	20.4
Spinning Fineness (µm)	23.6	22.6	23.2	25.9	22.5	24.4
% Fibers < 15 µm	1.2	2.1	1.6	0.3	2.0	0.0
Prickle Factor (% > 30µm)	11.3	10.5	11.9	21.4	9.6	13.8
Comfort Factor (% ≤ 30µm)	88.7	89.5	88.1	78.6	90.4	86
Mean Staple Length (mm)	125	143	137	102	148	110
Course Edge Micron (µm)	10.2	10.0	10.3	11.9	9.8	9.8
Minimum Diameter (µm)	23.6	20.9	21.5	25.7	21.7	25.3
Maximum Diameter (µm)	25.6	25.0	25.5	29.1	25.4	27.9
Mean Curvature (deg/mm)	13.9	15.7	15.5	17.1	15.9	13.2
SD Curvature (deg/mm)	17.7	15.2	14.8	15.9	14.8	16.4

PERCENTILE RANK vs ALL >=15 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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