

INTERNATIONAL ALPACA ANALYTICS

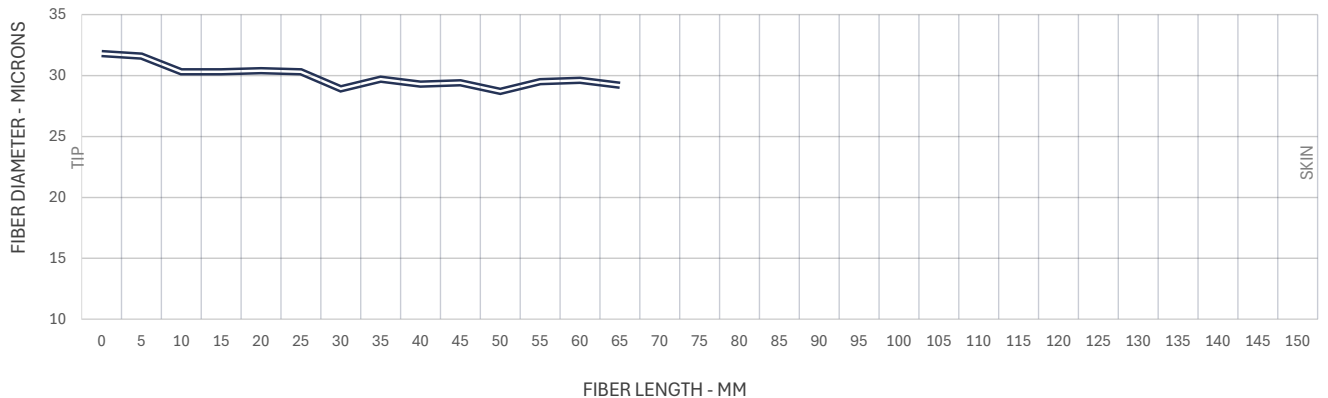
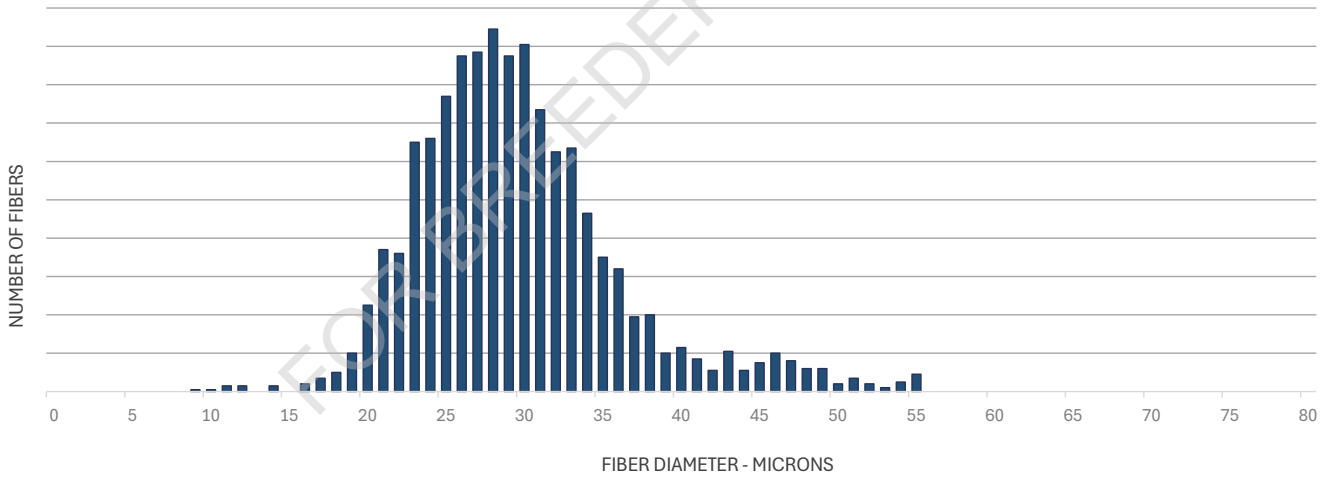
Hasselbring's Harmony Ranch
 29049 Davis Rd
 Concordia MO

Date: 06.29.24
 Farm ID: 08099

Stone Brook's Moon Shadow

Registry #	31521079	Color	204 - Medium Fawn	Date of Birth	09.12.08
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	15y 8m (188m)

Mean Fiber Diameter (MFD)	29.6 microns	Mean Staple Length	70 mm
Standard Deviation (SD)	6.6 microns	Finest point from Tip	50.0 mm
Coefficient of Variation (COV)	22.2 %	Maximum Diameter	31.8 microns
Spinning Fineness (SF)	29.1 microns	Minimum Diameter	28.7 microns
Course Edge Micron (CEM)	14.1 microns	Mean Curvature	12.0 deg/mm
% Fibers < 15 µm	0.4 %	SD Curvature	11.9 deg/mm
Prickle Factor (fibers > 30µm)	37.0 %	# of Fibers Evaluated	2,470
Comfort Factor (% <= 30µm)	63.0 %		



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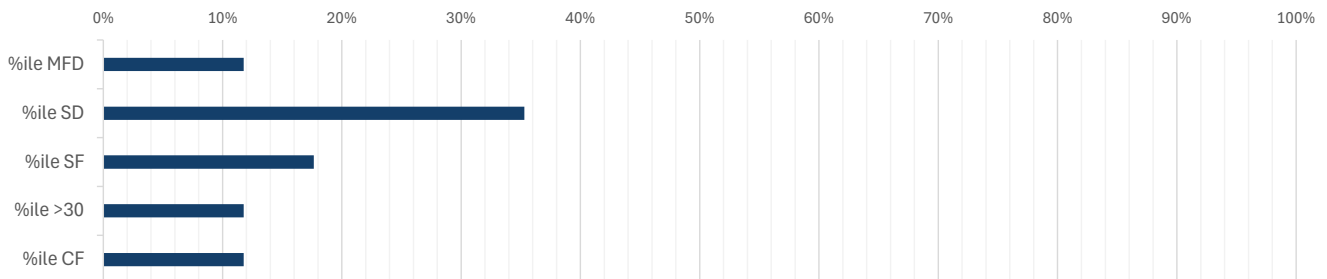
Stone Brook's Moon Shadow

Registry #	31521079	Color	204 - Medium Fawn	Date of Birth	09.12.08
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	Off	Sample Date	05.15.24
				Age at Sample	15y 8m (188m)

COMPARABLE DATA

	Moon Shadow	Suri	Suri Female	Suri >=15 Age Range	Suri Fawn Color Group	Suri FA->15 Color:Age
<i>Number of Comparable Studies</i>		3,203	1,936	18	896	7
Mean Fiber Diameter (µm)	29.6	22.7	23.3	25.9	22.5	27.5
Standard Deviation (µm)	6.6	5.1	5.3	5.9	5.1	6.9
Coefficient of Variation (%)	22.2	22.7	21.1	22.9	22.9	25.1
Spinning Fineness (µm)	29.1	22.6	23.2	25.9	22.4	28.0
% Fibers < 15 µm	0.4	2.1	1.6	0.3	2.8	0.2
Prickle Factor (% > 30µm)	37.0	10.5	11.9	21.4	10.1	26.3
Comfort Factor (% ≤ 30µm)	63.0	89.5	88.1	78.6	89.9	74
Mean Staple Length (mm)	70	143	137	102	139	88
Course Edge Micron (µm)	14.1	10.0	10.3	11.9	10.2	15.0
Minimum Diameter (µm)	28.7	20.9	21.5	25.7	20.7	27.7
Maximum Diameter (µm)	31.8	25.0	25.5	29.1	24.8	31.1
Mean Curvature (deg/mm)	12.0	15.7	15.5	17.1	15.9	16.5
SD Curvature (deg/mm)	11.9	15.2	14.8	15.9	15.2	16.0

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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