

INTERNATIONAL ALPACA ANALYTICS

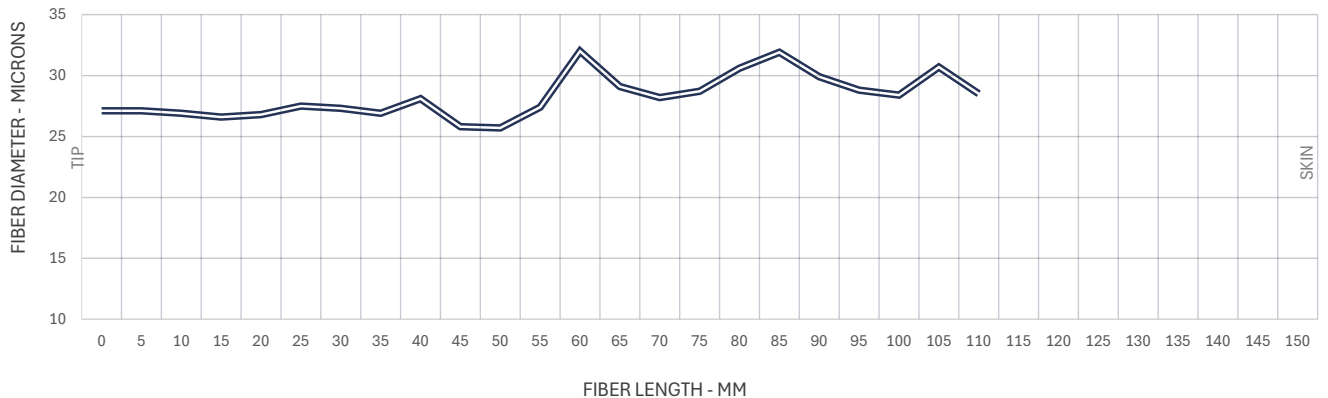
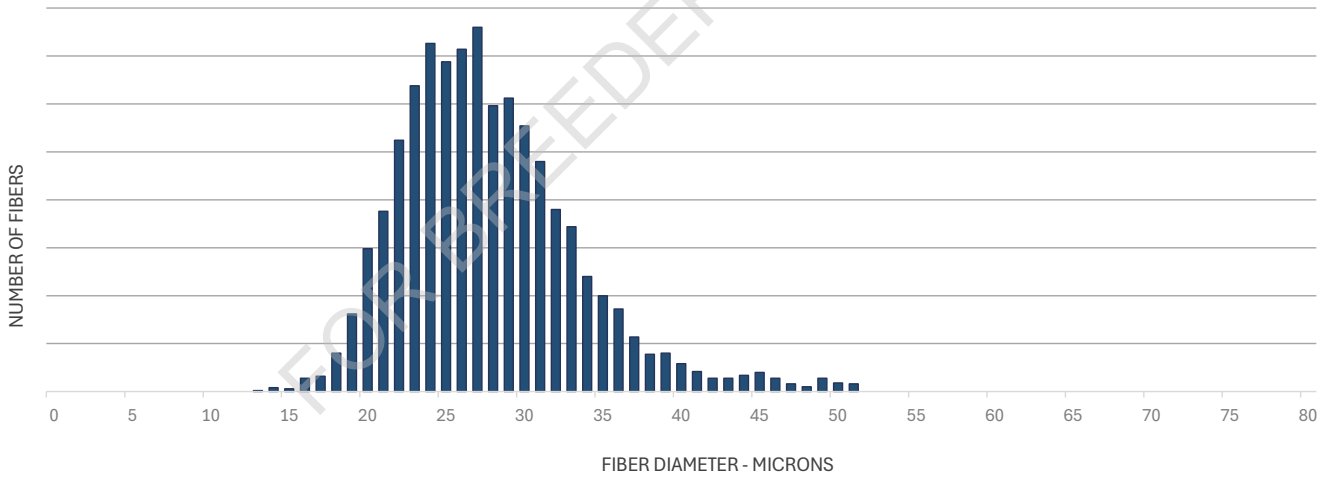
Hasselbring's Harmony Ranch
 29049 Davis Rd
 Concordia MO

Date: 06.29.24
 Farm ID: 08099

Fyre N Rain

Registry #	32433500	Color	204 - Medium Fawn	Date of Birth	09.09.12
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	11y 8m (140m)

Mean Fiber Diameter (MFD)	27.7 microns	Mean Staple Length	115 mm
Standard Deviation (SD)	5.7 microns	Finest point from Tip	50.0 mm
Coefficient of Variation (COV)	20.5 %	Maximum Diameter	32.0 microns
Spinning Fineness (SF)	26.9 microns	Minimum Diameter	25.7 microns
Course Edge Micron (CEM)	10.8 microns	Mean Curvature	14.3 deg/mm
% Fibers < 15 µm	0.1 %	SD Curvature	16.9 deg/mm
Prickle Factor (fibers > 30µm)	26.3 %	# of Fibers Evaluated	4,619
Comfort Factor (% <= 30µm)	73.7 %		



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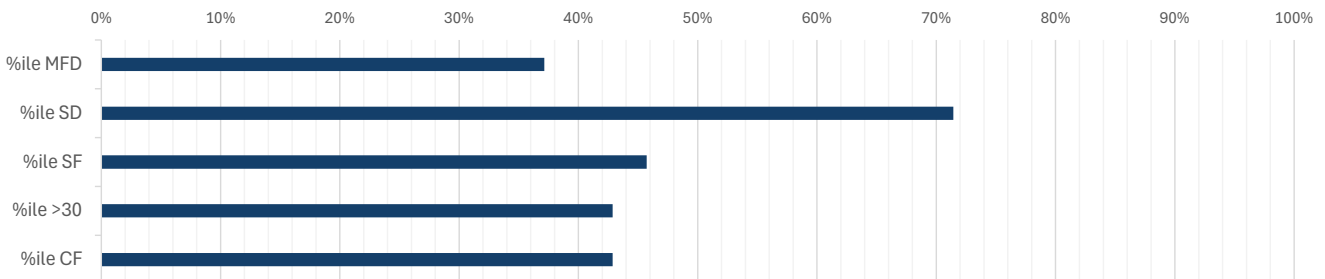
Fyre N Rain

Registry #	32433500	Color	204 - Medium Fawn	Date of Birth	09.09.12
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	Off	Sample Date	05.15.24
				Age at Sample	11y 8m (140m)

COMPARABLE DATA

	Fyre N Rain	Suri	Suri Female	Suri 11-12 Age Range	Suri Fawn Color Group	Suri FA-11 Color:Age
<i>Number of Comparable Studies</i>		3,203	1,936	35	896	13
Mean Fiber Diameter (µm)	27.7	22.7	23.3	26.7	22.5	26.1
Standard Deviation (µm)	5.7	5.1	5.3	6.3	5.1	6.5
Coefficient of Variation (%)	20.5	22.7	21.1	23.5	22.9	24.9
Spinning Fineness (µm)	26.9	22.6	23.2	26.7	22.4	26.3
% Fibers < 15 µm	0.1	2.1	1.6	0.3	2.8	0.3
Prickle Factor (% > 30µm)	26.3	10.5	11.9	22.6	10.1	24.7
Comfort Factor (% ≤ 30µm)	73.7	89.5	88.1	77.4	89.9	75
Mean Staple Length (mm)	115	143	137	109	139	106
Course Edge Micron (µm)	10.8	10.0	10.3	10.6	10.2	9.3
Minimum Diameter (µm)	25.7	20.9	21.5	25.2	20.7	25.5
Maximum Diameter (µm)	32.0	25.0	25.5	29.2	24.8	28.8
Mean Curvature (deg/mm)	14.3	15.7	15.5	20.0	15.9	20.7
SD Curvature (deg/mm)	16.9	15.2	14.8	14.9	15.2	15.1

PERCENTILE RANK vs ALL 11-12 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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