

INTERNATIONAL ALPACA ANALYTICS

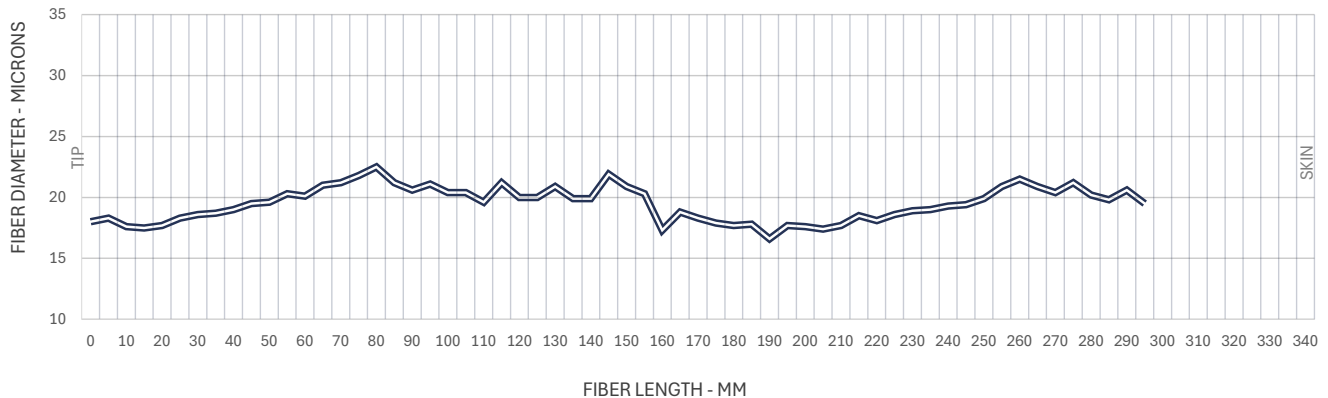
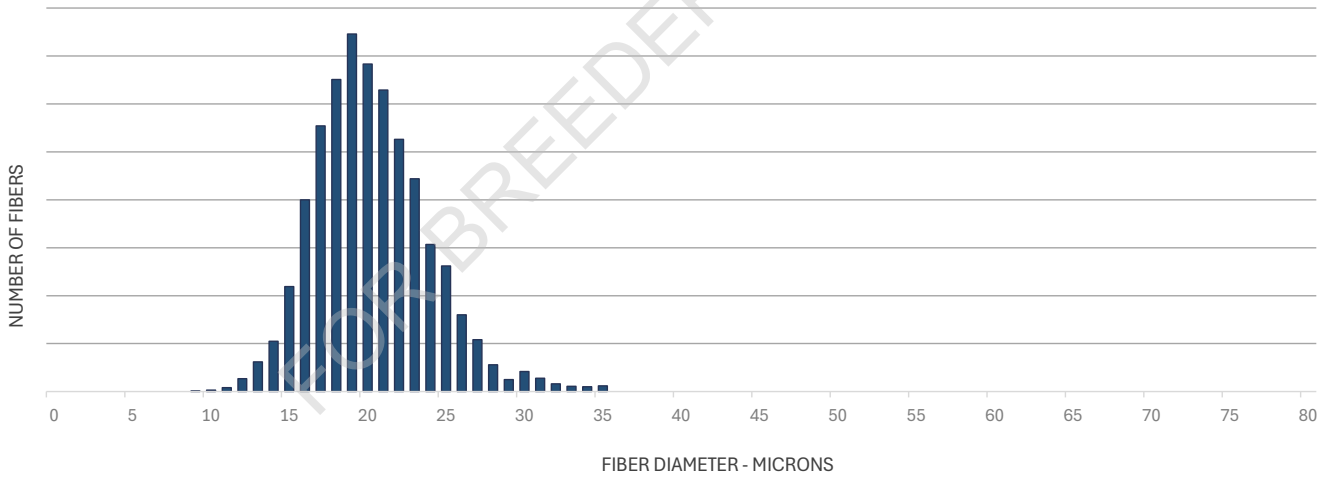
Hasselbring's Harmony Ranch
 29049 Davis Rd
 Concordia MO

Date: 06.29.24
 Farm ID: 08099

Spirit Dancer's Breeze of Harmony

Registry #	36149464	Color	301 - Medium Brown	Date of Birth	05.10.22
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	2y 0m (24m)

Mean Fiber Diameter (MFD)	19.1 microns	Mean Staple Length	350 mm
Standard Deviation (SD)	3.7 microns	Finest point from Tip	19.5 mm
Coefficient of Variation (COV)	19.3 %	Maximum Diameter	22.2 microns
Spinning Fineness (SF)	18.3 microns	Minimum Diameter	17.1 microns
Course Edge Micron (CEM)	6.9 microns	Mean Curvature	17.7 deg/mm
% Fibers < 15 µm	8.4 %	SD Curvature	21.0 deg/mm
Prickle Factor (fibers > 30µm)	0.8 %	# of Fibers Evaluated	10,741
Comfort Factor (% <= 30µm)	99.2 %		



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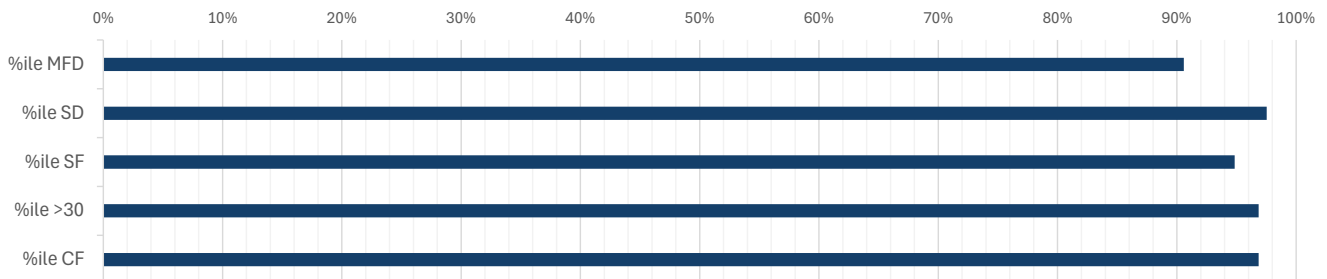
Spirit Dancer's Breeze of Harmony

Registry #	36149464	Color	301 - Medium Brown	Date of Birth	05.10.22
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	Off	Sample Date	05.15.24
				Age at Sample	2y 0m (24m)

COMPARABLE DATA

	Breeze	Suri	Suri Female	Suri 2-3 Age Range	Suri Brown Color Group	Suri BR-2 Color:Age
<i>Number of Comparable Studies</i>		3,203	1,936	446	385	47
Mean Fiber Diameter (µm)	19.1	22.7	23.3	22.9	22.9	23.9
Standard Deviation (µm)	3.7	5.1	5.3	5.1	5.2	5.3
Coefficient of Variation (%)	19.3	22.7	21.1	22.2	22.9	22.0
Spinning Fineness (µm)	18.3	22.6	23.2	22.8	22.9	23.7
% Fibers < 15 µm	8.4	2.1	1.6	1.5	3.2	0.8
Prickle Factor (% > 30µm)	0.8	10.5	11.9	10.1	11.0	12.2
Comfort Factor (% ≤ 30µm)	99.2	89.5	88.1	89.9	89.0	88
Mean Staple Length (mm)	350	143	137	151	132	141
Course Edge Micron (µm)	6.9	10.0	10.3	9.2	9.5	6.9
Minimum Diameter (µm)	17.1	20.9	21.5	21.3	20.5	21.3
Maximum Diameter (µm)	22.2	25.0	25.5	24.9	24.8	25.6
Mean Curvature (deg/mm)	17.7	15.7	15.5	14.7	14.9	15.3
SD Curvature (deg/mm)	21.0	15.2	14.8	14.4	15.4	15.8

PERCENTILE RANK vs ALL 2-3 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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