

INTERNATIONAL ALPACA ANALYTICS

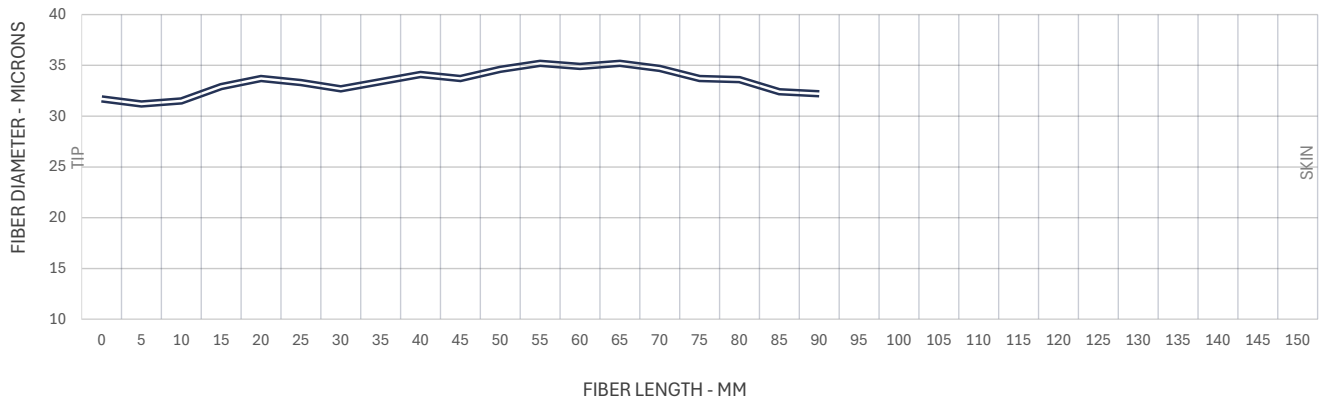
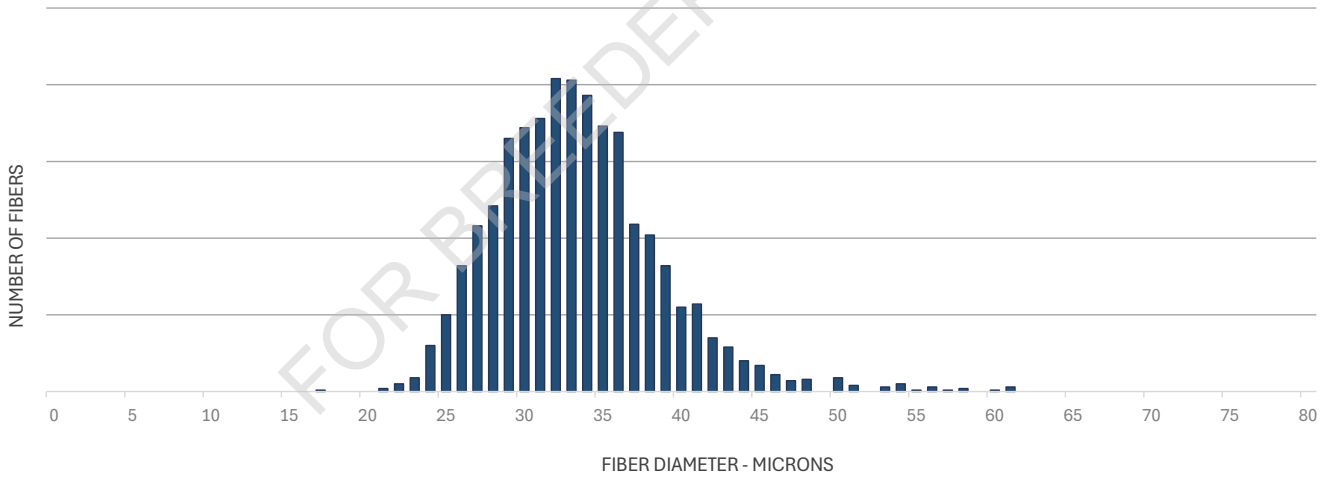
Hasselbring's Harmony Ranch
 29049 Davis Rd
 Concordia MO

Date: 06.29.24
 Farm ID: 08099

Astor of Harmony

Registry #	35082316	Color	100 - White	Date of Birth	06.09.16
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	7y 11m (95m)

Mean Fiber Diameter (MFD)	32.4 microns	Mean Staple Length	95 mm
Standard Deviation (SD)	5.3 microns	Finest point from Tip	5.0 mm
Coefficient of Variation (COV)	16.5 %	Maximum Diameter	35.2 microns
Spinning Fineness (SF)	30.4 microns	Minimum Diameter	31.2 microns
Course Edge Micron (CEM)	9.7 microns	Mean Curvature	9.6 deg/mm
% Fibers < 15 µm	0.0 %	SD Curvature	9.6 deg/mm
Prickle Factor (fibers > 30µm)	62.0 %	# of Fibers Evaluated	2,429
Comfort Factor (% <= 30µm)	38.0 %		



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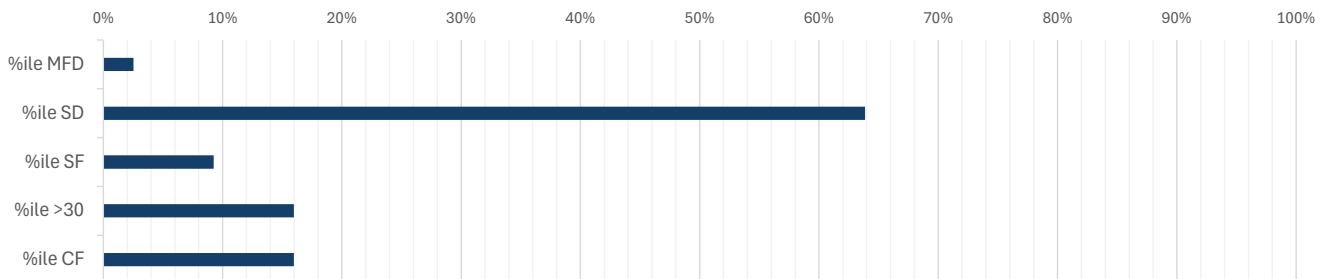
Astor of Harmony

Registry #	35082316	Color	100 - White	Date of Birth	06.09.16
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	Off	Sample Date	05.15.24
				Age at Sample	7y 11m (95m)

COMPARABLE DATA

	Astor	Suri	Suri Male	Suri 8-9 Age Range	Suri White Color Group	Suri WH-8 Color:Age
<i>Number of Comparable Studies</i>		3,203	1,263	93	1,039	30
Mean Fiber Diameter (µm)	32.4	22.7	21.8	26.0	22.6	26.1
Standard Deviation (µm)	5.3	5.1	4.9	5.9	5.0	5.6
Coefficient of Variation (%)	16.5	22.7	22.7	22.6	22.1	21.5
Spinning Fineness (µm)	30.4	22.6	21.8	25.9	22.5	25.7
% Fibers < 15 µm	0.0	2.1	3.2	0.3	2.0	0.2
Prickle Factor (% > 30µm)	62.0	10.5	8.3	19.5	9.6	18.2
Comfort Factor (% ≤ 30µm)	38.0	89.5	91.7	80.5	90.4	82
Mean Staple Length (mm)	95	143	152	116	148	120
Course Edge Micron (µm)	9.7	10.0	9.7	10.9	9.8	10.6
Minimum Diameter (µm)	31.2	20.9	20.2	23.7	21.7	24.7
Maximum Diameter (µm)	35.2	25.0	24.3	27.4	25.4	28.2
Mean Curvature (deg/mm)	9.6	15.7	16.0	14.0	15.9	12.4
SD Curvature (deg/mm)	9.6	15.2	15.9	13.0	14.8	11.4

PERCENTILE RANK vs ALL 8-9 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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