

INTERNATIONAL ALPACA ANALYTICS

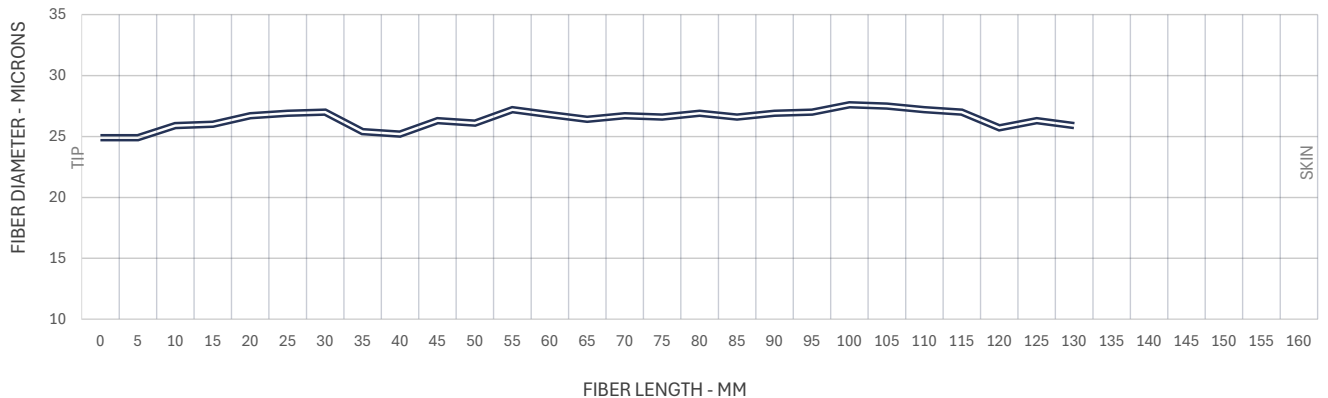
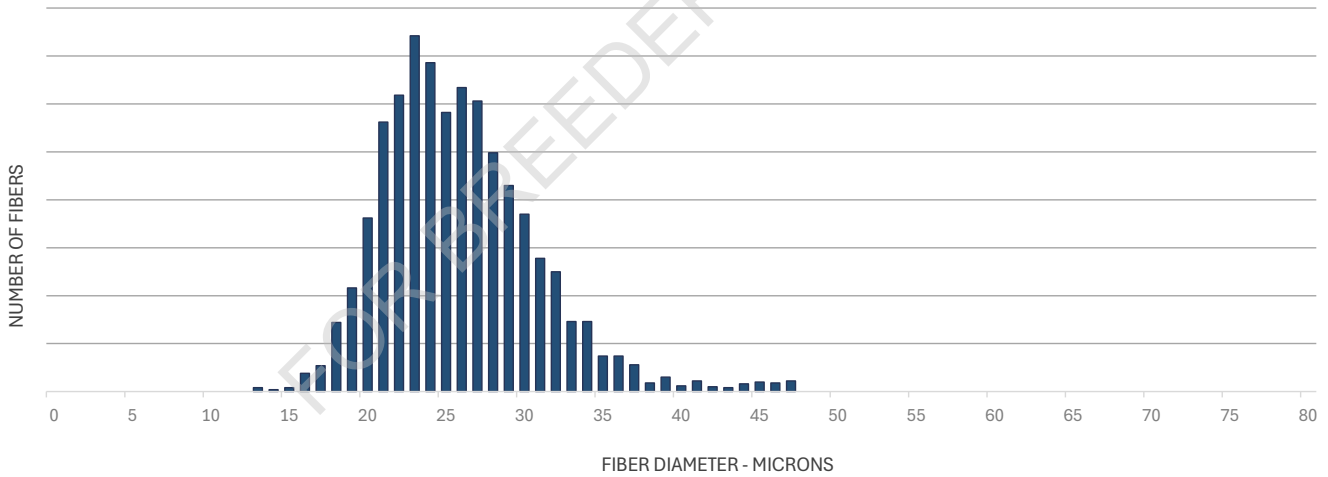
Hasselbring's Harmony Ranch
29049 Davis Rd
Concordia MO

Date: 06.29.24
Farm ID: 08099

Astor's Mr Pibb of Harmony

Registry #	35426066	Color	100 - White	Date of Birth	08.30.21
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	2y 8m (33m)

Mean Fiber Diameter (MFD)	25.9 microns	Mean Staple Length	135 mm
Standard Deviation (SD)	5.0 microns	Finest point from Tip	0.0 mm
Coefficient of Variation (COV)	19.2 %	Maximum Diameter	27.6 microns
Spinning Fineness (SF)	24.8 microns	Minimum Diameter	24.9 microns
Course Edge Micron (CEM)	9.1 microns	Mean Curvature	14.4 deg/mm
% Fibers < 15 µm	0.2 %	SD Curvature	15.9 deg/mm
Prickle Factor (fibers > 30µm)	15.5 %	# of Fibers Evaluated	3,881
Comfort Factor (% <= 30µm)	84.5 %		



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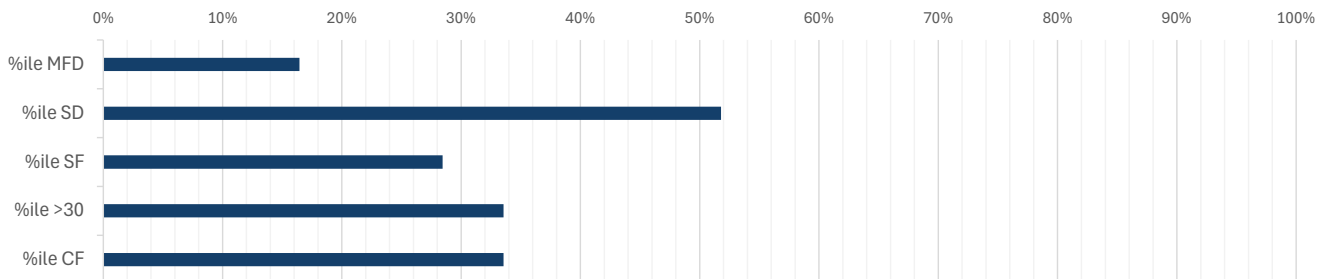
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COMPARABLE DATA

	Mr Pibb	Suri	Suri Male	Suri 2-3	Suri White	Suri WH-2
				Age Range	Color Group	Color:Age
<i>Number of Comparable Studies</i>		3,203	1,263	446	1,039	160
Mean Fiber Diameter (µm)	25.9	22.7	21.8	22.9	22.6	22.9
Standard Deviation (µm)	5.0	5.1	4.9	5.1	5.0	4.9
Coefficient of Variation (%)	19.2	22.7	22.7	22.2	22.1	21.6
Spinning Fineness (µm)	24.8	22.6	21.8	22.8	22.5	22.7
% Fibers < 15 µm	0.2	2.1	3.2	1.5	2.0	1.5
Prickle Factor (% > 30µm)	15.5	10.5	8.3	10.1	9.6	9.4
Comfort Factor (% ≤ 30µm)	84.5	89.5	91.7	89.9	90.4	91
Mean Staple Length (mm)	135	143	152	151	148	153
Course Edge Micron (µm)	9.1	10.0	9.7	9.2	9.8	8.5
Minimum Diameter (µm)	24.9	20.9	20.2	21.3	21.7	22.0
Maximum Diameter (µm)	27.6	25.0	24.3	24.9	25.4	25.2
Mean Curvature (deg/mm)	14.4	15.7	16.0	14.7	15.9	14.7
SD Curvature (deg/mm)	15.9	15.2	15.9	14.4	14.8	13.9

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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