

INTERNATIONAL ALPACA ANALYTICS

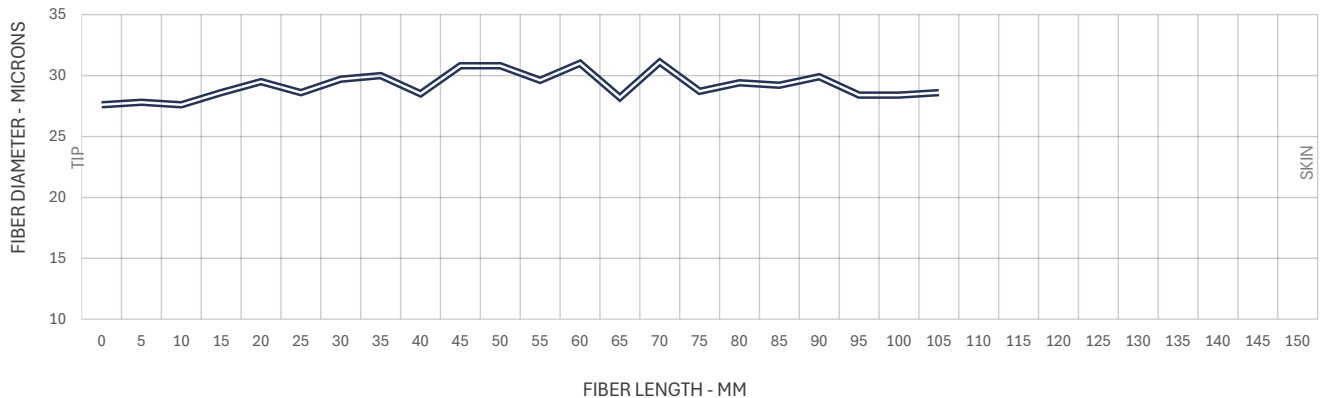
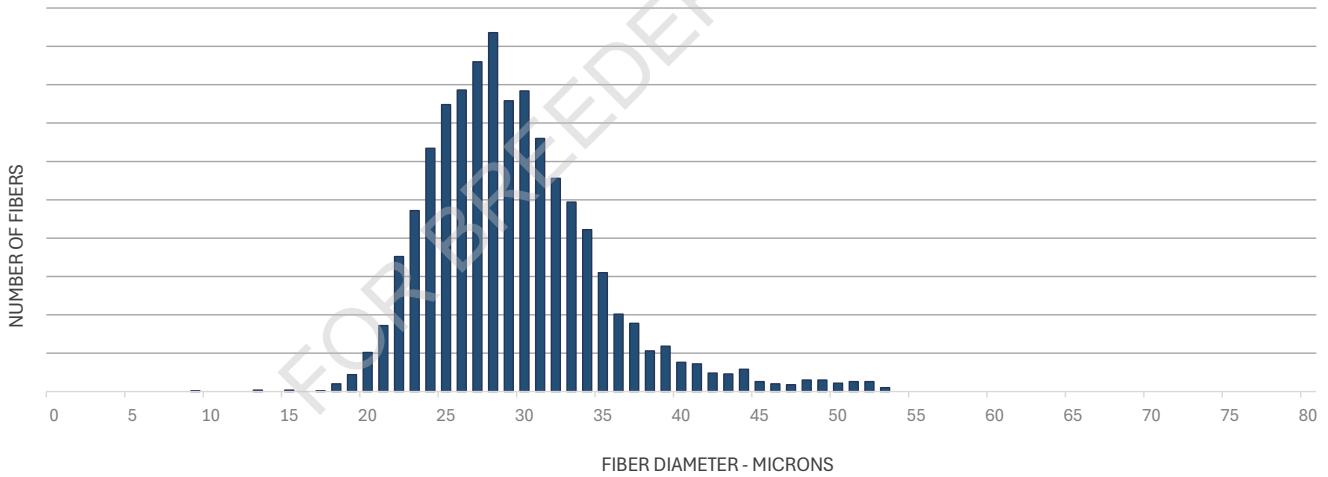
Hasselbring's Harmony Ranch
 29049 Davis Rd
 Concordia MO

Date: 06.29.24
 Farm ID: 08099

Asti of Harmony

Registry #	32700312	Color	201 - Beige	Date of Birth	06.18.15
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	8y 10m (107m)

Mean Fiber Diameter (MFD)	28.3 microns	Mean Staple Length	110 mm
Standard Deviation (SD)	5.5 microns	Finest point from Tip	0.0 mm
Coefficient of Variation (COV)	19.6 %	Maximum Diameter	31.1 microns
Spinning Fineness (SF)	27.2 microns	Minimum Diameter	27.6 microns
Course Edge Micron (CEM)	10.7 microns	Mean Curvature	10.7 deg/mm
% Fibers < 15 µm	0.1 %	SD Curvature	12.7 deg/mm
Prickle Factor (fibers > 30µm)	28.3 %	# of Fibers Evaluated	5,117
Comfort Factor (% <= 30µm)	71.7 %		



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Registry #	32700312	Color	201 - Beige	Date of Birth	06.18.15
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	Off	Sample Date	05.15.24
				Age at Sample	8y 10m (107m)

COMPARABLE DATA

	Asti	Suri	Suri Female	Suri 8-9	Suri Beige	Suri BG-8
				Age Range	Color Group	Color:Age
<i>Number of Comparable Studies</i>		3,203	1,936	93	329	4
Mean Fiber Diameter (µm)	28.3	22.7	23.3	26.0	22.3	27.2
Standard Deviation (µm)	5.5	5.1	5.3	5.9	5.0	5.3
Coefficient of Variation (%)	19.6	22.7	21.1	22.6	22.6	19.5
Spinning Fineness (µm)	27.2	22.6	23.2	25.9	22.2	26.7
% Fibers < 15 µm	0.1	2.1	1.6	0.3	0.9	0.2
Prickle Factor (% > 30µm)	28.3	10.5	11.9	19.5	9.0	16.8
Comfort Factor (% ≤ 30µm)	71.7	89.5	88.1	80.5	91.0	83
Mean Staple Length (mm)	110	143	137	116	156	100
Course Edge Micron (µm)	10.7	10.0	10.3	10.9	10.3	9.3
Minimum Diameter (µm)	27.6	20.9	21.5	23.7	21.0	24.1
Maximum Diameter (µm)	31.1	25.0	25.5	27.4	25.0	28.2
Mean Curvature (deg/mm)	10.7	15.7	15.5	14.0	16.9	12.2
SD Curvature (deg/mm)	12.7	15.2	14.8	13.0	15.0	14.1

PERCENTILE RANK vs ALL 8-9 YEAR OLD ANIMALS

