

INTERNATIONAL ALPACA ANALYTICS

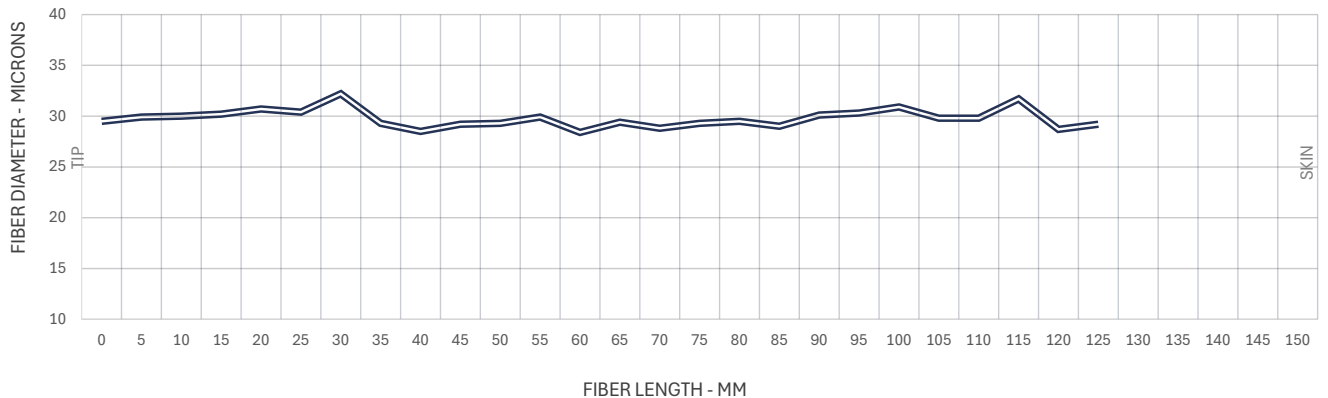
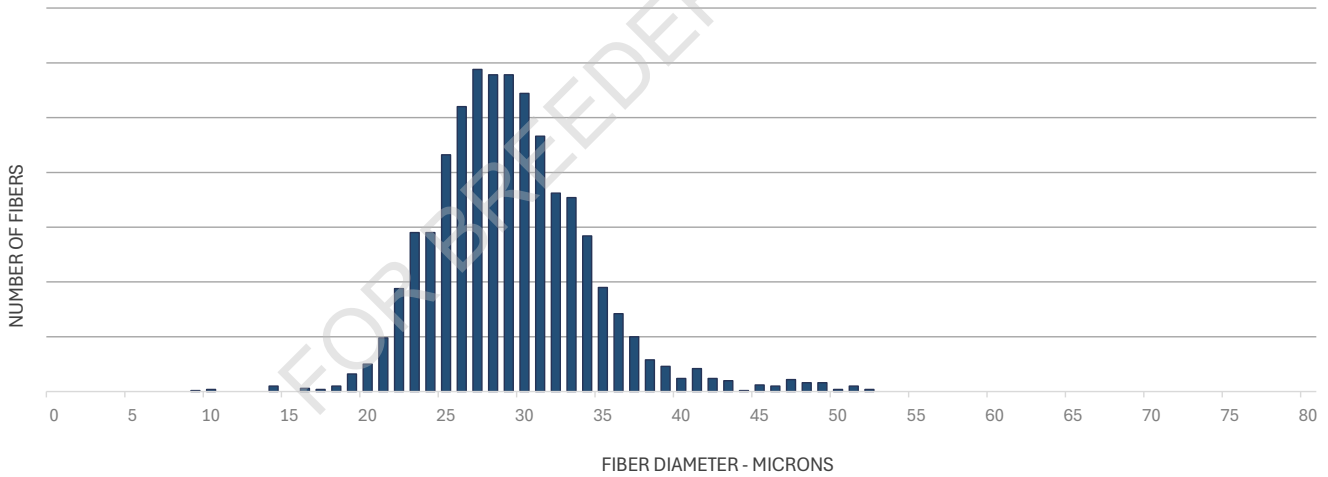
Hasselbring's Harmony Ranch
 29049 Davis Rd
 Concordia MO

Date: 06.29.24
 Farm ID: 08099

Tikanui's Elbrus of Harmony

Registry #	35426363	Color	100 - White	Date of Birth	07.03.20
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	3y 10m (46m)

Mean Fiber Diameter (MFD)	29.1 microns	Mean Staple Length	130 mm
Standard Deviation (SD)	5.0 microns	Finest point from Tip	60.0 mm
Coefficient of Variation (COV)	17.2 %	Maximum Diameter	32.2 microns
Spinning Fineness (SF)	27.5 microns	Minimum Diameter	28.4 microns
Course Edge Micron (CEM)	8.7 microns	Mean Curvature	11.5 deg/mm
% Fibers < 15 µm	0.2 %	SD Curvature	13.4 deg/mm
Prickle Factor (fibers > 30µm)	34.3 %	# of Fibers Evaluated	3,216
Comfort Factor (% <= 30µm)	65.7 %		



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Tikanui's Elbrus of Harmony

Registry #	35426363	Color	100 - White	Date of Birth	07.03.20
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	Off	Sample Date	05.15.24
				Age at Sample	3y 10m (46m)

COMPARABLE DATA

	Elbrus	Suri	Suri Male	Suri 3-4 Age Range	Suri White Color Group	Suri WH-3 Color:Age
<i>Number of Comparable Studies</i>		3,203	1,263	327	1,039	108
Mean Fiber Diameter (µm)	29.1	22.7	21.8	23.7	22.6	23.2
Standard Deviation (µm)	5.0	5.1	4.9	5.3	5.0	5.2
Coefficient of Variation (%)	17.2	22.7	22.7	22.2	22.1	22.4
Spinning Fineness (µm)	27.5	22.6	21.8	23.6	22.5	23.1
% Fibers < 15 µm	0.2	2.1	3.2	0.5	2.0	1.0
Prickle Factor (% > 30µm)	34.3	10.5	8.3	12.1	9.6	10.0
Comfort Factor (% ≤ 30µm)	65.7	89.5	91.7	87.9	90.4	90
Mean Staple Length (mm)	130	143	152	134	148	138
Course Edge Micron (µm)	8.7	10.0	9.7	9.6	9.8	9.7
Minimum Diameter (µm)	28.4	20.9	20.2	22.6	21.7	22.7
Maximum Diameter (µm)	32.2	25.0	24.3	26.1	25.4	26.0
Mean Curvature (deg/mm)	11.5	15.7	16.0	14.9	15.9	14.7
SD Curvature (deg/mm)	13.4	15.2	15.9	14.2	14.8	14.0

PERCENTILE RANK vs ALL 3-4 YEAR OLD ANIMALS

