

INTERNATIONAL ALPACA ANALYTICS

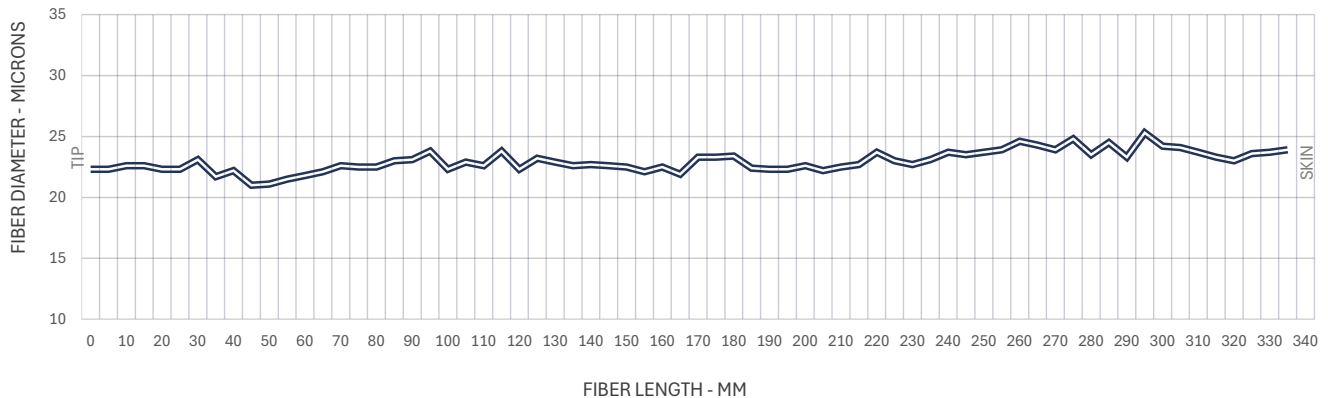
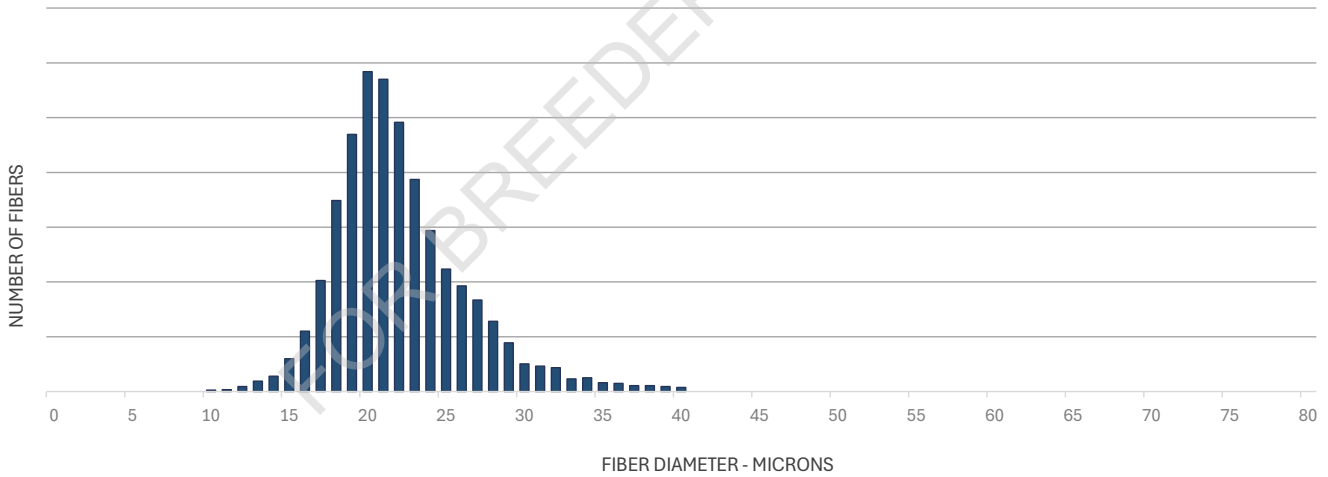
Hasselbring's Harmony Ranch
 29049 Davis Rd
 Concordia MO

Date: 06.29.24
 Farm ID: 08099

Sir Prize's Jewel of Harmony

Registry #	36194889	Color	201 - Beige	Date of Birth	08.20.22
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	1y 8m (21m)

Mean Fiber Diameter (MFD)	22.5 microns	Mean Staple Length	340 mm
Standard Deviation (SD)	4.3 microns	Finest point from Tip	0.0 mm
Coefficient of Variation (COV)	19.2 %	Maximum Diameter	24.5 microns
Spinning Fineness (SF)	21.6 microns	Minimum Diameter	21.5 microns
Course Edge Micron (CEM)	8.7 microns	Mean Curvature	15.4 deg/mm
% Fibers < 15 µm	0.9 %	SD Curvature	18.4 deg/mm
Prickle Factor (fibers > 30µm)	5.3 %	# of Fibers Evaluated	16,521
Comfort Factor (% <= 30µm)	94.7 %		



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Registry #	36194889	Color	201 - Beige	Date of Birth	08.20.22
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	Off	Sample Date	05.15.24
				Age at Sample	1y 8m (21m)

COMPARABLE DATA

	Jewel	Suri	Suri Female	Suri 1-2	Suri Beige	Suri BG-1
				Age Range	Color Group	Color:Age
<i>Number of Comparable Studies</i>		3,203	1,936	759	329	92
Mean Fiber Diameter (µm)	22.5	22.7	23.3	21.0	22.3	20.8
Standard Deviation (µm)	4.3	5.1	5.3	4.8	5.0	4.7
Coefficient of Variation (%)	19.2	22.7	21.1	22.7	22.6	22.8
Spinning Fineness (µm)	21.6	22.6	23.2	20.9	22.2	20.6
% Fibers < 15 µm	0.9	2.1	1.6	6.9	0.9	2.8
Prickle Factor (% > 30µm)	5.3	10.5	11.9	5.3	9.0	4.0
Comfort Factor (% ≤ 30µm)	94.7	89.5	88.1	94.7	91.0	96
Mean Staple Length (mm)	340	143	137	180	156	208
Course Edge Micron (µm)	8.7	10.0	10.3	8.9	10.3	8.3
Minimum Diameter (µm)	21.5	20.9	21.5	19.0	21.0	18.5
Maximum Diameter (µm)	24.5	25.0	25.5	23.4	25.0	22.9
Mean Curvature (deg/mm)	15.4	15.7	15.5	16.4	16.9	16.8
SD Curvature (deg/mm)	18.4	15.2	14.8	16.7	15.0	16.1

PERCENTILE RANK vs ALL 1-2 YEAR OLD ANIMALS

