

INTERNATIONAL ALPACA ANALYTICS

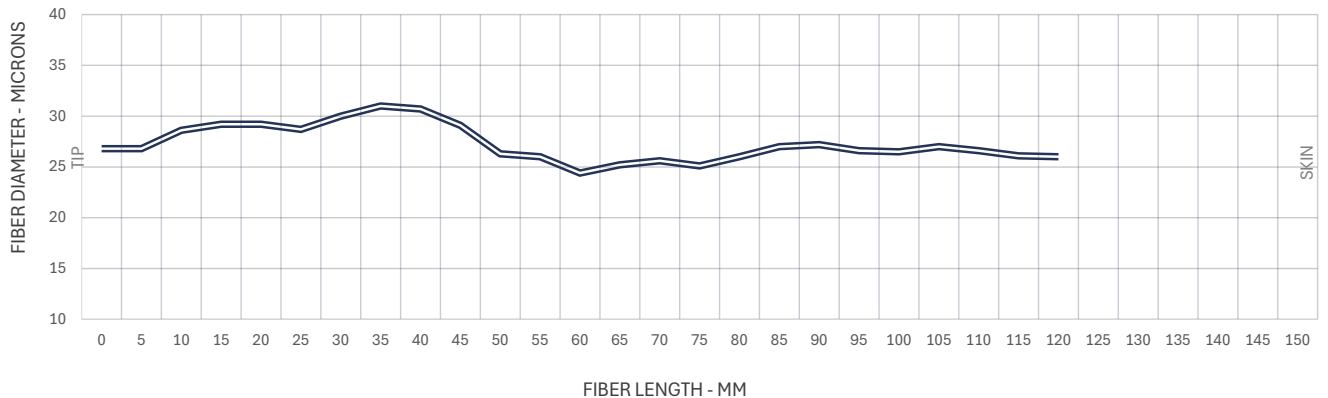
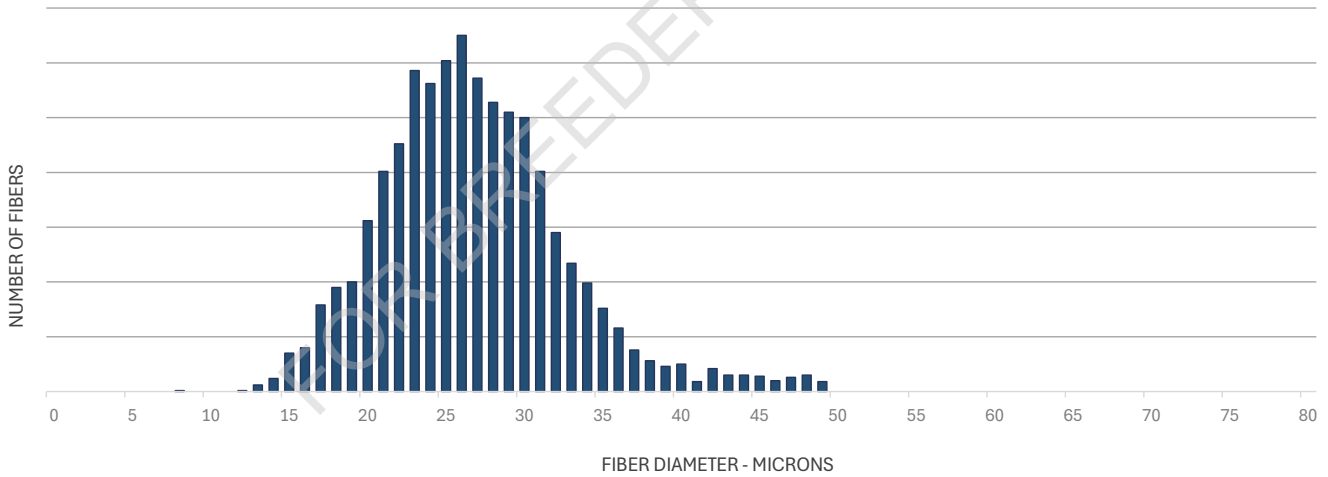
Hasselbring's Harmony Ranch
 29049 Davis Rd
 Concordia MO

Date: 06.29.24
 Farm ID: 08099

Zen's Champain of Harmony

Registry #	35426370	Color	202 - Light Fawn	Date of Birth	05.13.20
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	4y 0m (48m)

Mean Fiber Diameter (MFD)	26.8 microns	Mean Staple Length	125 mm
Standard Deviation (SD)	6.0 microns	Finest point from Tip	60.0 mm
Coefficient of Variation (COV)	22.3 %	Maximum Diameter	31.0 microns
Spinning Fineness (SF)	26.4 microns	Minimum Diameter	24.4 microns
Course Edge Micron (CEM)	11.0 microns	Mean Curvature	12.6 deg/mm
% Fibers < 15 µm	0.5 %	SD Curvature	14.9 deg/mm
Prickle Factor (fibers > 30µm)	22.5 %	# of Fibers Evaluated	4,139
Comfort Factor (% <= 30µm)	77.5 %		



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Registry #	35426370	Color	202 - Light Fawn	Date of Birth	05.13.20
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	Off	Sample Date	05.15.24
				Age at Sample	4y 0m (48m)

COMPARABLE DATA

	Champain	Suri	Suri Male	Suri 4-5 Age Range	Suri Fawn Color Group	Suri FA-4 Color:Age
<i>Number of Comparable Studies</i>		3,203	1,263	241	896	70
Mean Fiber Diameter (µm)	26.8	22.7	21.8	24.7	22.5	23.9
Standard Deviation (µm)	6.0	5.1	4.9	5.5	5.1	5.3
Coefficient of Variation (%)	22.3	22.7	22.7	22.4	22.9	22.4
Spinning Fineness (µm)	26.4	22.6	21.8	24.6	22.4	23.8
% Fibers < 15 µm	0.5	2.1	3.2	0.3	2.8	0.1
Prickle Factor (% > 30µm)	22.5	10.5	8.3	16.0	10.1	13.0
Comfort Factor (% ≤ 30µm)	77.5	89.5	91.7	84.0	89.9	87
Mean Staple Length (mm)	125	143	152	131	139	135
Course Edge Micron (µm)	11.0	10.0	9.7	11.4	10.2	10.0
Minimum Diameter (µm)	24.4	20.9	20.2	23.0	20.7	22.4
Maximum Diameter (µm)	31.0	25.0	24.3	26.5	24.8	26.0
Mean Curvature (deg/mm)	12.6	15.7	16.0	15.2	15.9	16.6
SD Curvature (deg/mm)	14.9	15.2	15.9	14.5	15.2	16.0

PERCENTILE RANK vs ALL 4-5 YEAR OLD ANIMALS

