

INTERNATIONAL ALPACA ANALYTICS

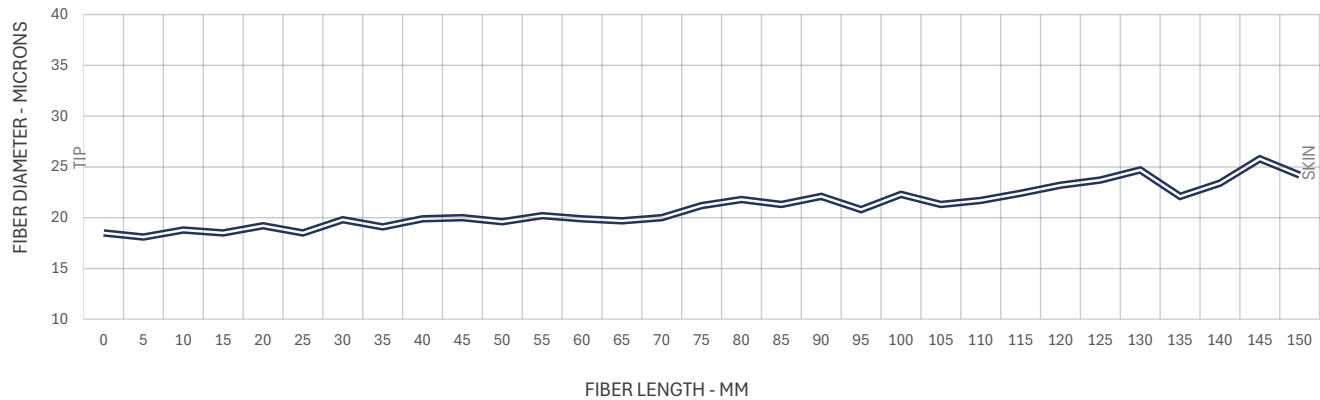
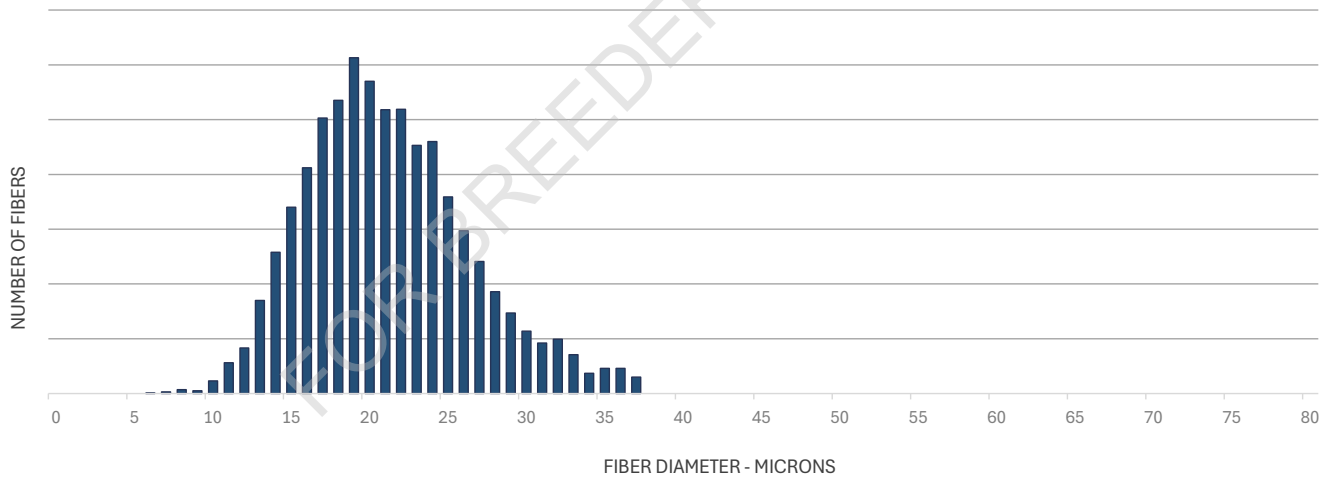
Hasselbring's Harmony Ranch
29049 Davis Rd
Concordia MO

Date: 06.29.24
Farm ID: 08099

Astor's Berry Sorbet of Harmony

Registry #	36304172	Color	201 - Beige	Date of Birth	06.02.23
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	0y 11m (11m)

Mean Fiber Diameter (MFD)	20.2 microns	Mean Staple Length	0 mm
Standard Deviation (SD)	5.2 microns	Finest point from Tip	0.0 mm
Coefficient of Variation (COV)	26.0 %	Maximum Diameter	25.8 microns
Spinning Fineness (SF)	20.6 microns	Minimum Diameter	18.1 microns
Course Edge Micron (CEM)	10.4 microns	Mean Curvature	13.3 deg/mm
% Fibers < 15 µm	13.0 %	SD Curvature	16.9 deg/mm
Prickle Factor (fibers > 30µm)	4.5 %	# of Fibers Evaluated	7,294
Comfort Factor (% <= 30µm)	95.5 %		



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Registry #	36304172	Color	201 - Beige	Date of Birth	06.02.23
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	Off	Sample Date	05.15.24
				Age at Sample	0y 11m (11m)

COMPARABLE DATA

	Berry Sorbet	Suri	Suri Female	Suri 0-1	Suri Beige	Suri BG-0
				Age Range	Color Group	Color:Age
Number of Comparable Studies		3,203	1,936	633	329	69
Mean Fiber Diameter (µm)	20.2	22.7	23.3	19.7	22.3	18.9
Standard Deviation (µm)	5.2	5.1	5.3	4.7	5.0	4.3
Coefficient of Variation (%)	26.0	22.7	21.1	23.9	22.6	23.0
Spinning Fineness (µm)	20.6	22.6	23.2	19.7	22.2	18.8
% Fibers < 15 µm	13.0	2.1	1.6	15.1	0.9	13.2
Prickle Factor (% > 30µm)	4.5	10.5	11.9	4.0	9.0	2.2
Comfort Factor (% <= 30µm)	95.5	89.5	88.1	96.0	91.0	98
Mean Staple Length (mm)	0	143	137	154	156	163
Course Edge Micron (µm)	10.4	10.0	10.3	8.9	10.3	9.2
Minimum Diameter (µm)	18.1	20.9	21.5	17.1	21.0	17.0
Maximum Diameter (µm)	25.8	25.0	25.5	22.4	25.0	21.5
Mean Curvature (deg/mm)	13.3	15.7	15.5	16.9	16.9	17.1
SD Curvature (deg/mm)	16.9	15.2	14.8	17.4	15.0	18.1

PERCENTILE RANK vs ALL 0-1 YEAR OLD ANIMALS

