

INTERNATIONAL ALPACA ANALYTICS

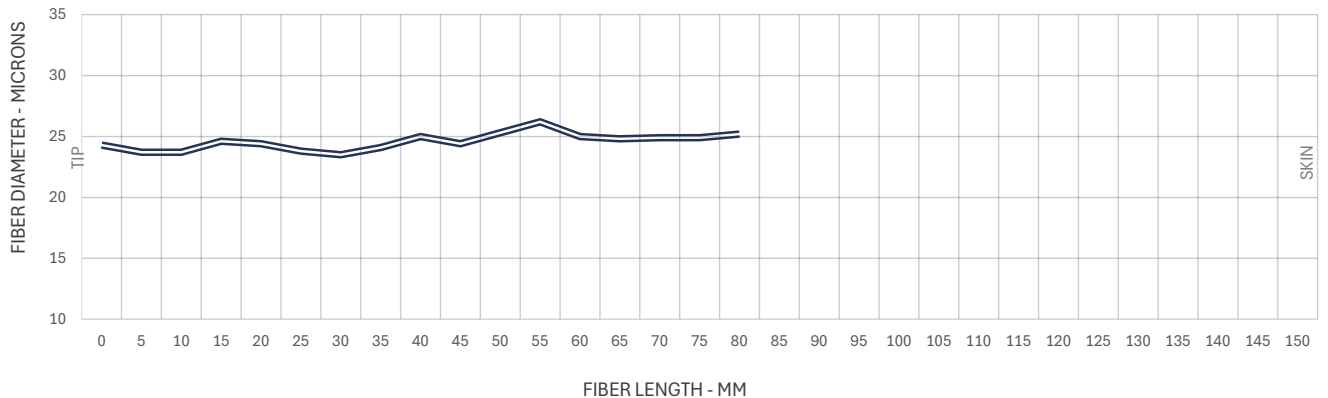
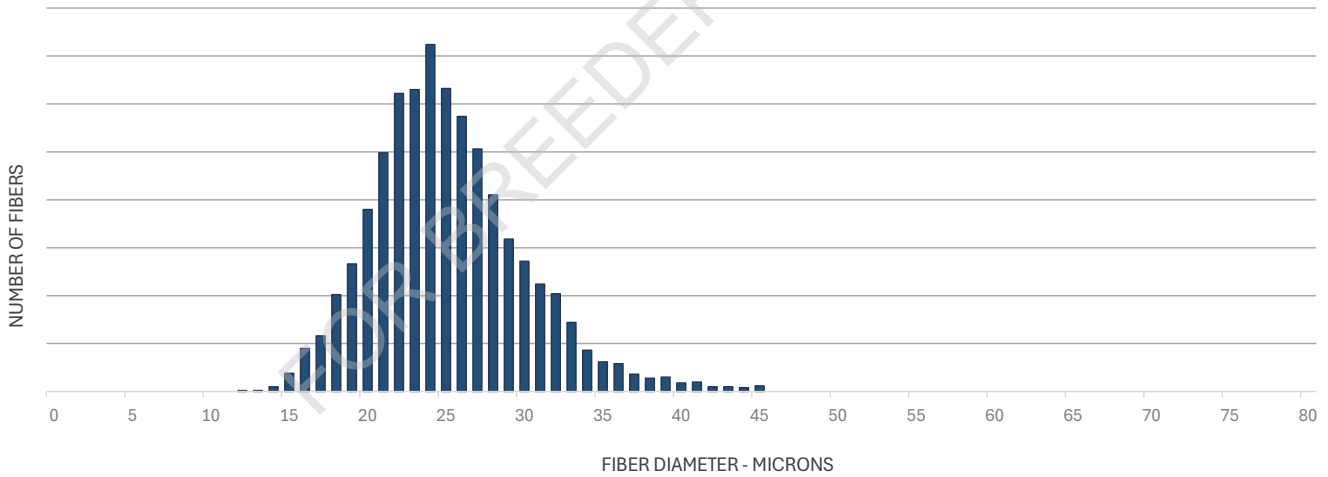
Hasselbring's Harmony Ranch
29049 Davis Rd
Concordia MO

Date: 06.29.24
Farm ID: 08099

Dark Arrow of Harmony

Registry #	32630053	Color	500 - Black	Date of Birth	06.02.12
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	11y 11m (143m)

Mean Fiber Diameter (MFD)	24.1 microns	Mean Staple Length	85 mm
Standard Deviation (SD)	4.9 microns	Finest point from Tip	30.0 mm
Coefficient of Variation (COV)	20.1 %	Maximum Diameter	26.2 microns
Spinning Fineness (SF)	23.3 microns	Minimum Diameter	23.5 microns
Course Edge Micron (CEM)	9.1 microns	Mean Curvature	13.6 deg/mm
% Fibers < 15 µm	0.7 %	SD Curvature	13.4 deg/mm
Prickle Factor (fibers > 30µm)	10.0 %	# of Fibers Evaluated	3,621
Comfort Factor (% <= 30µm)	90.0 %		



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Registry #	32630053	Color	500 - Black	Date of Birth	06.02.12
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	Off	Sample Date	05.15.24
				Age at Sample	11y 11m (143m)

COMPARABLE DATA

	Arrow	Suri	Suri Male	Suri 11-12	Suri Black	Suri BL-11
				Age Range	Color Group	Color:Age
<i>Number of Comparable Studies</i>		3,203	1,263	35	364	3
Mean Fiber Diameter (µm)	24.1	22.7	21.8	26.7	23.4	27.6
Standard Deviation (µm)	4.9	5.1	4.9	6.3	5.5	6.0
Coefficient of Variation (%)	20.1	22.7	22.7	23.5	23.7	21.4
Spinning Fineness (µm)	23.3	22.6	21.8	26.7	23.5	27.2
% Fibers < 15 µm	0.7	2.1	3.2	0.3	1.9	0.4
Prickle Factor (% > 30µm)	10.0	10.5	8.3	22.6	13.8	25.8
Comfort Factor (% ≤ 30µm)	90.0	89.5	91.7	77.4	86.2	74
Mean Staple Length (mm)	85	143	152	109	134	97
Course Edge Micron (µm)	9.1	10.0	9.7	10.6	9.5	9.1
Minimum Diameter (µm)	23.5	20.9	20.2	25.2	20.4	23.5
Maximum Diameter (µm)	26.2	25.0	24.3	29.2	24.7	26.2
Mean Curvature (deg/mm)	13.6	15.7	16.0	20.0	15.0	11.5
SD Curvature (deg/mm)	13.4	15.2	15.9	14.9	15.4	13.4

PERCENTILE RANK vs ALL 11-12 YEAR OLD ANIMALS

