

INTERNATIONAL ALPACA ANALYTICS

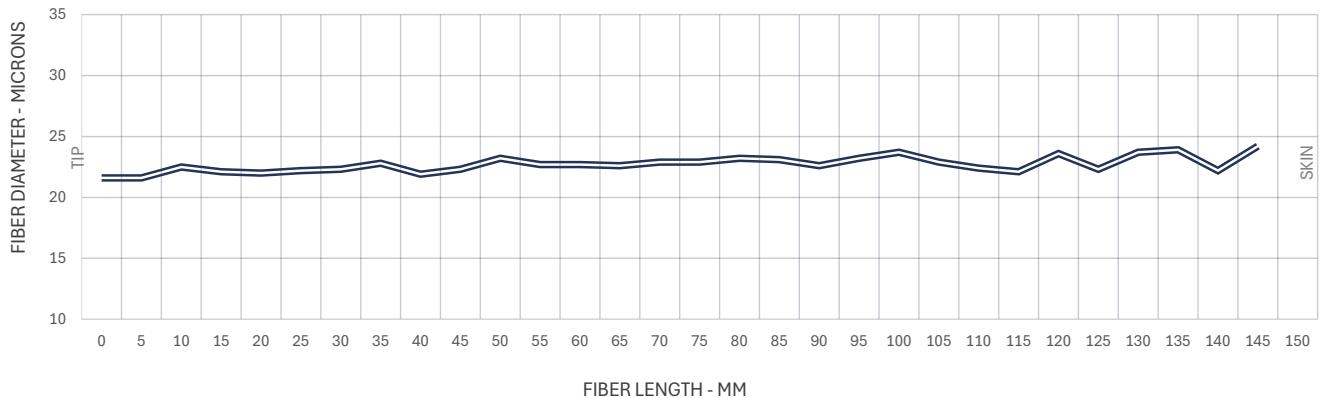
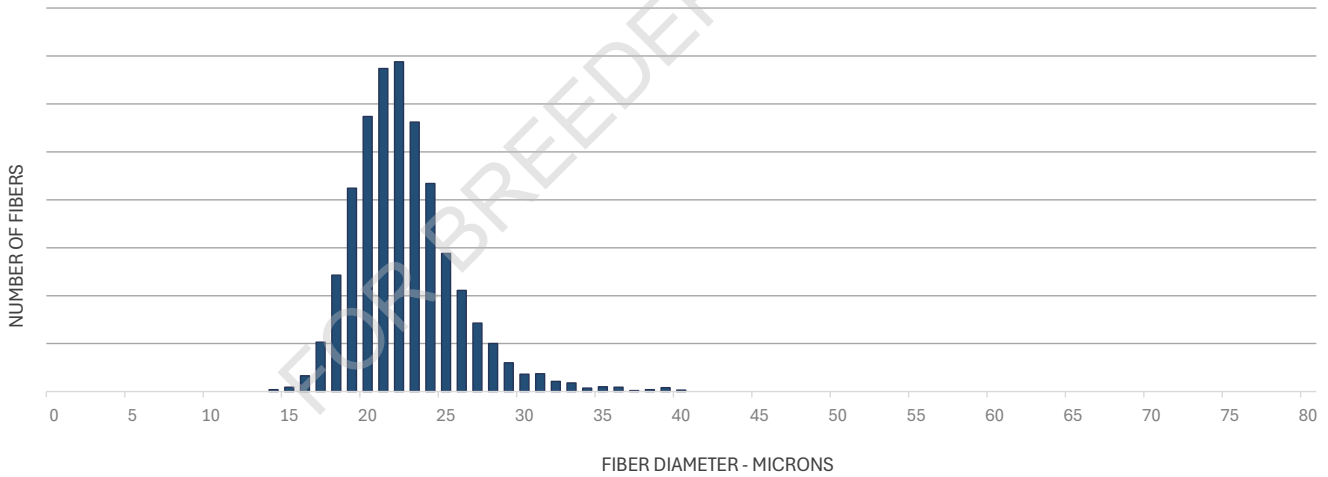
Hasselbring's Harmony Ranch
 29049 Davis Rd
 Concordia MO

Date: 06.29.24
 Farm ID: 08099

Dallas' Killean of Harmony

Registry #	35426103	Color	100 - White	Date of Birth	07.30.21
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	2y 9m (34m)

Mean Fiber Diameter (MFD)	22.4 microns	Mean Staple Length	150 mm
Standard Deviation (SD)	3.3 microns	Finest point from Tip	0.0 mm
Coefficient of Variation (COV)	14.9 %	Maximum Diameter	24.2 microns
Spinning Fineness (SF)	20.7 microns	Minimum Diameter	21.6 microns
Course Edge Micron (CEM)	6.4 microns	Mean Curvature	15.3 deg/mm
% Fibers < 15 µm	0.1 %	SD Curvature	18.9 deg/mm
Prickle Factor (fibers > 30µm)	2.5 %	# of Fibers Evaluated	4,705
Comfort Factor (% <= 30µm)	97.5 %		



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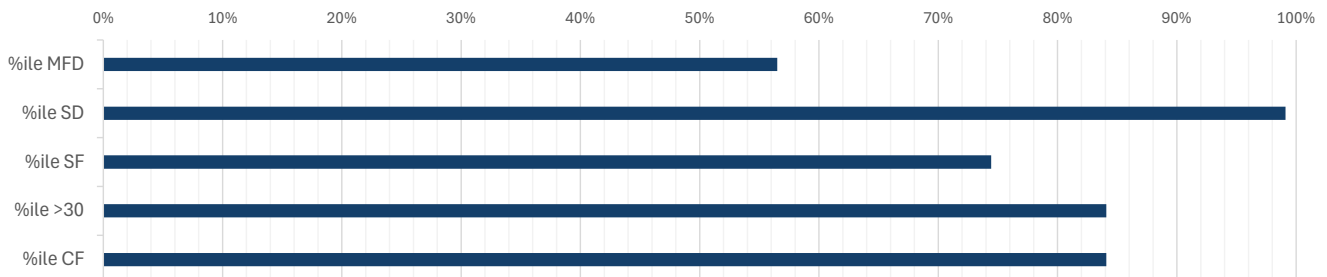
Dallas' Killean of Harmony

Registry #	35426103	Color	100 - White	Date of Birth	07.30.21
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	Off	Sample Date	05.15.24
				Age at Sample	2y 9m (34m)

COMPARABLE DATA

	Killean	Suri	Suri Female	Suri 2-3 Age Range	Suri White Color Group	Suri WH-2 Color:Age
<i>Number of Comparable Studies</i>		3,203	1,936	446	1,039	160
Mean Fiber Diameter (µm)	22.4	22.7	23.3	22.9	22.6	22.9
Standard Deviation (µm)	3.3	5.1	5.3	5.1	5.0	4.9
Coefficient of Variation (%)	14.9	22.7	21.1	22.2	22.1	21.6
Spinning Fineness (µm)	20.7	22.6	23.2	22.8	22.5	22.7
% Fibers < 15 µm	0.1	2.1	1.6	1.5	2.0	1.5
Prickle Factor (% > 30µm)	2.5	10.5	11.9	10.1	9.6	9.4
Comfort Factor (% ≤ 30µm)	97.5	89.5	88.1	89.9	90.4	91
Mean Staple Length (mm)	150	143	137	151	148	153
Course Edge Micron (µm)	6.4	10.0	10.3	9.2	9.8	8.5
Minimum Diameter (µm)	21.6	20.9	21.5	21.3	21.7	22.0
Maximum Diameter (µm)	24.2	25.0	25.5	24.9	25.4	25.2
Mean Curvature (deg/mm)	15.3	15.7	15.5	14.7	15.9	14.7
SD Curvature (deg/mm)	18.9	15.2	14.8	14.4	14.8	13.9

PERCENTILE RANK vs ALL 2-3 YEAR OLD ANIMALS



This data should be used for reference only. The tests were performed on the OFDA2000 using standard testing protocols.

IAA || 6 Clermont Lane St. Louis Mo || 1.314.306.4168 || d.king@intalpaca.com