

INTERNATIONAL ALPACA ANALYTICS

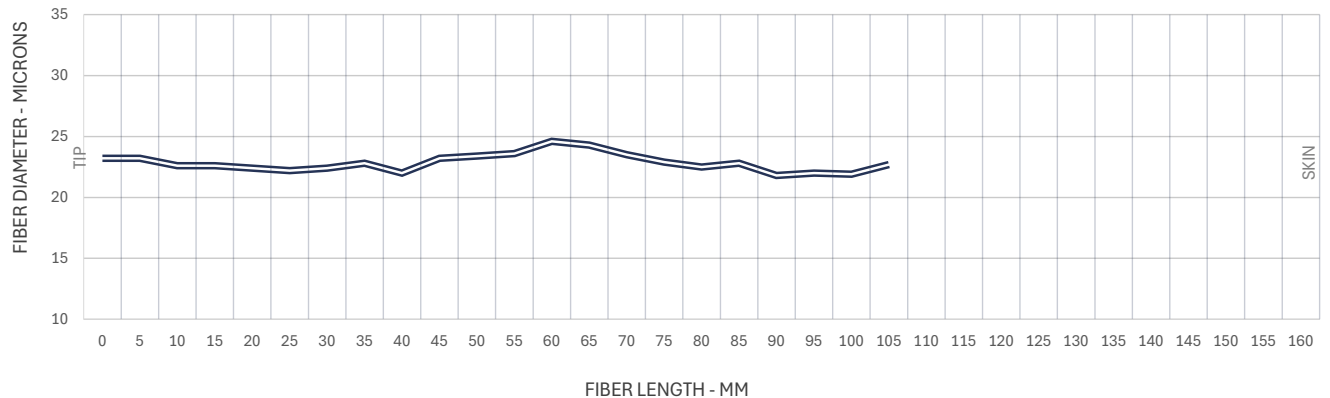
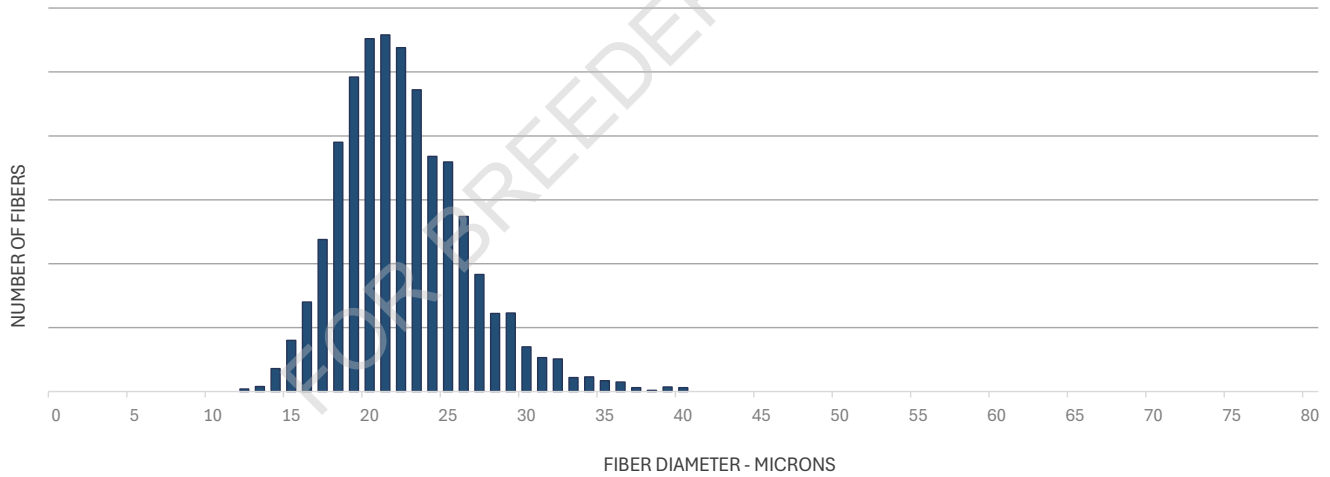
Hasselbring's Harmony Ranch
29049 Davis Rd
Concordia MO

Date: 06.29.24
Farm ID: 08099

Goldyn Rae's Nazca

Registry #	32792409	Color	100 - White	Date of Birth	08.26.15
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	8y 8m (105m)

Mean Fiber Diameter (MFD)	22.2 microns	Mean Staple Length	110 mm
Standard Deviation (SD)	4.1 microns	Finest point from Tip	90.0 mm
Coefficient of Variation (COV)	18.5 %	Maximum Diameter	24.6 microns
Spinning Fineness (SF)	21.2 microns	Minimum Diameter	21.8 microns
Course Edge Micron (CEM)	8.0 microns	Mean Curvature	14.5 deg/mm
% Fibers < 15 µm	0.9 %	SD Curvature	14.8 deg/mm
Prickle Factor (fibers > 30µm)	3.9 %	# of Fibers Evaluated	5,209
Comfort Factor (% <= 30µm)	96.1 %		



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COMPARABLE DATA

	Nazca	Suri	Suri Female	Suri 8-9 Age Range	Suri White Color Group	Suri WH-8 Color:Age
<i>Number of Comparable Studies</i>		3,203	1,936	93	1,039	30
Mean Fiber Diameter (µm)	22.2	22.7	23.3	26.0	22.6	26.1
Standard Deviation (µm)	4.1	5.1	5.3	5.9	5.0	5.6
Coefficient of Variation (%)	18.5	22.7	21.1	22.6	22.1	21.5
Spinning Fineness (µm)	21.2	22.6	23.2	25.9	22.5	25.7
% Fibers < 15 µm	0.9	2.1	1.6	0.3	2.0	0.2
Prickle Factor (% > 30µm)	3.9	10.5	11.9	19.5	9.6	18.2
Comfort Factor (% ≤ 30µm)	96.1	89.5	88.1	80.5	90.4	82
Mean Staple Length (mm)	110	143	137	116	148	120
Course Edge Micron (µm)	8.0	10.0	10.3	10.9	9.8	10.6
Minimum Diameter (µm)	21.8	20.9	21.5	23.7	21.7	24.7
Maximum Diameter (µm)	24.6	25.0	25.5	27.4	25.4	28.2
Mean Curvature (deg/mm)	14.5	15.7	15.5	14.0	15.9	12.4
SD Curvature (deg/mm)	14.8	15.2	14.8	13.0	14.8	11.4

PERCENTILE RANK vs ALL 8-9 YEAR OLD ANIMALS

