

INTERNATIONAL ALPACA ANALYTICS

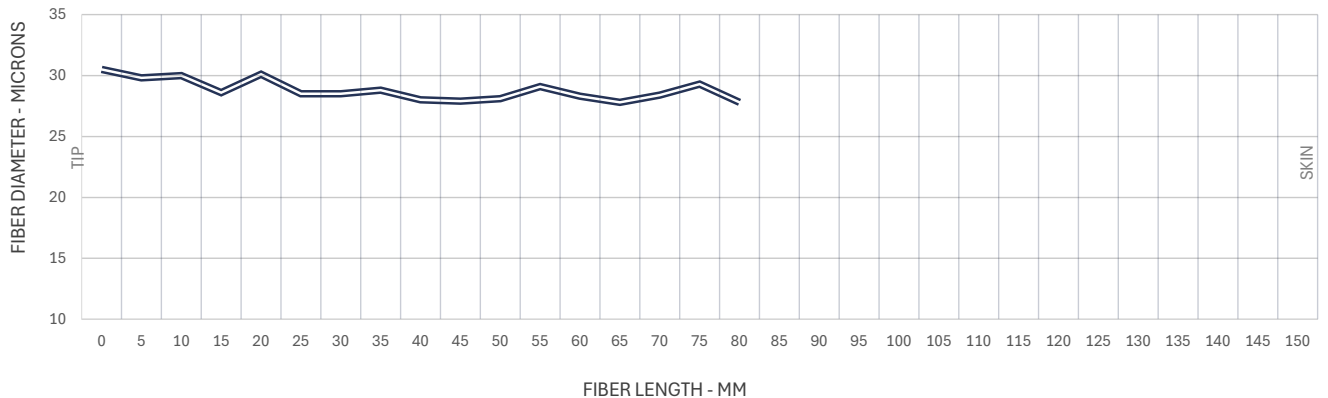
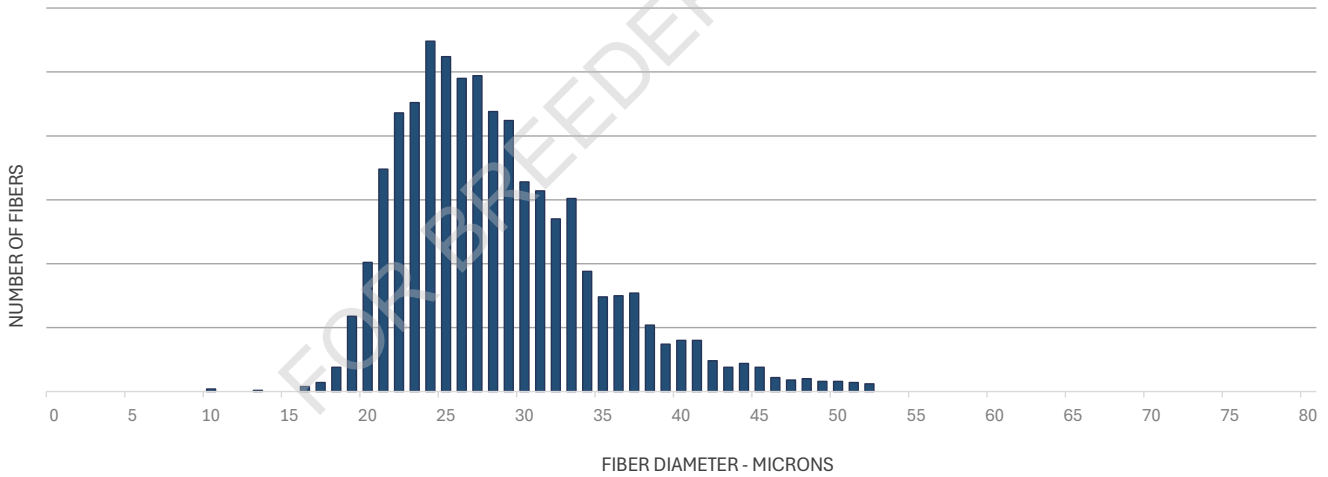
Hasselbring's Harmony Ranch
 29049 Davis Rd
 Concordia MO

Date: 06.29.24
 Farm ID: 08099

Moon Shadow's Masquerade of Harmony

Registry #	31980227	Color	410 - Dark Brown	Date of Birth	05.17.12
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	11y 11m (144m)

Mean Fiber Diameter (MFD)	28.3 microns	Mean Staple Length	85 mm
Standard Deviation (SD)	6.3 microns	Finest point from Tip	80.0 mm
Coefficient of Variation (COV)	22.2 %	Maximum Diameter	30.5 microns
Spinning Fineness (SF)	27.9 microns	Minimum Diameter	27.8 microns
Course Edge Micron (CEM)	12.9 microns	Mean Curvature	12.4 deg/mm
% Fibers < 15 µm	0.1 %	SD Curvature	14.7 deg/mm
Prickle Factor (fibers > 30µm)	30.6 %	# of Fibers Evaluated	3,509
Comfort Factor (% <= 30µm)	69.4 %		



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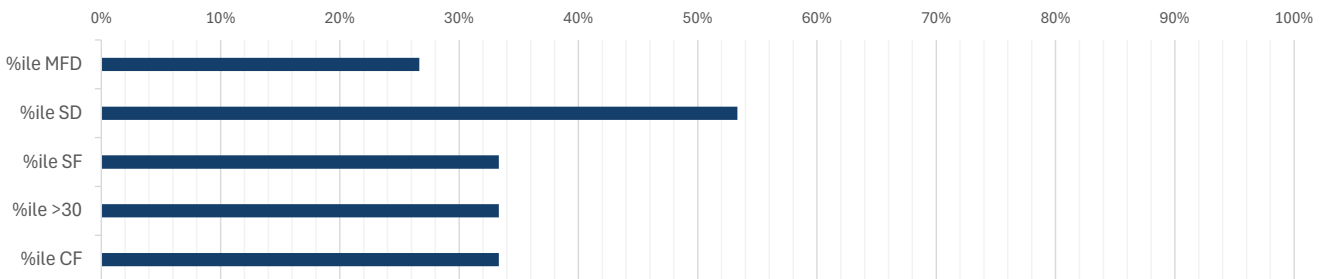
Moon Shadow's Masquerade of Harmony

Registry #	31980227	Color	410 - Dark Brown	Date of Birth	05.17.12
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	Off	Sample Date	05.15.24
				Age at Sample	11y 11m (144m)

COMPARABLE DATA

	Mask	Suri	Suri Female	Suri 12-13	Suri Brown	Suri BR-12
				Age Range	Color Group	Color:Age
<i>Number of Comparable Studies</i>		3,203	1,936	30	385	2
Mean Fiber Diameter (µm)	28.3	22.7	23.3	26.5	22.9	30.7
Standard Deviation (µm)	6.3	5.1	5.3	6.2	5.2	6.4
Coefficient of Variation (%)	22.2	22.7	21.1	23.5	22.9	21.1
Spinning Fineness (µm)	27.9	22.6	23.2	26.6	22.9	29.9
% Fibers < 15 µm	0.1	2.1	1.6	0.0	3.2	0.1
Prickle Factor (% > 30µm)	30.6	10.5	11.9	21.2	11.0	33.8
Comfort Factor (% ≤ 30µm)	69.4	89.5	88.1	78.8	89.0	66
Mean Staple Length (mm)	85	143	137	104	132	91
Course Edge Micron (µm)	12.9	10.0	10.3	12.9	9.5	12.9
Minimum Diameter (µm)	27.8	20.9	21.5	26.0	20.5	27.8
Maximum Diameter (µm)	30.5	25.0	25.5	29.9	24.8	30.5
Mean Curvature (deg/mm)	12.4	15.7	15.5	16.9	14.9	21.4
SD Curvature (deg/mm)	14.7	15.2	14.8	15.0	15.4	14.9

PERCENTILE RANK vs ALL 12-13 YEAR OLD ANIMALS



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

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