INTERNATIONAL ALPACA ANALYTICS

Hasselbring's Harmony Ranch
29049 Davis Rd
Concordia MO

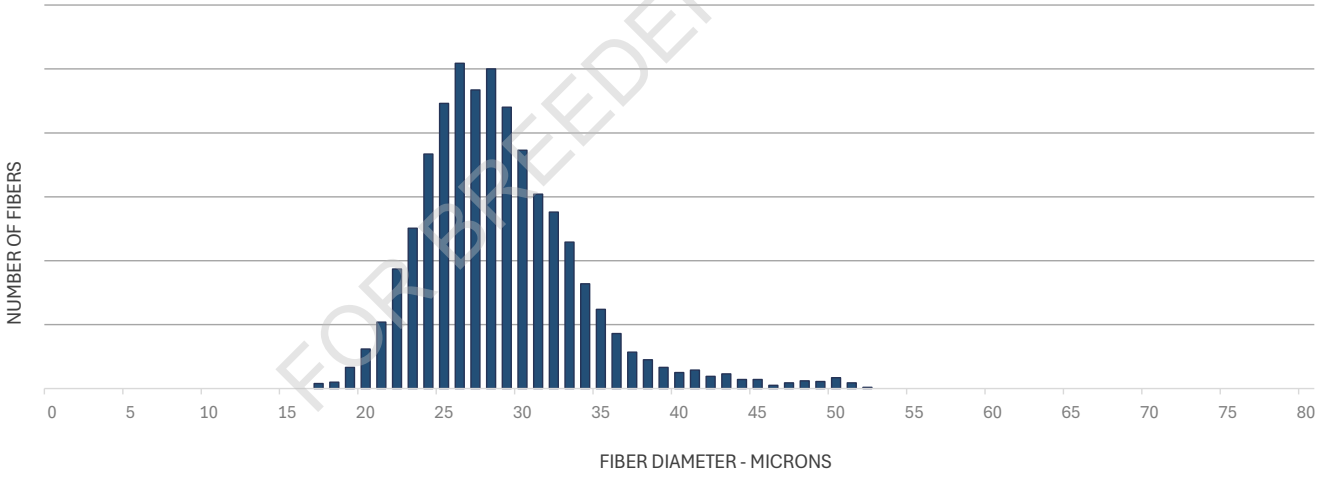
Date: 06.29.24
Farm ID: 08099

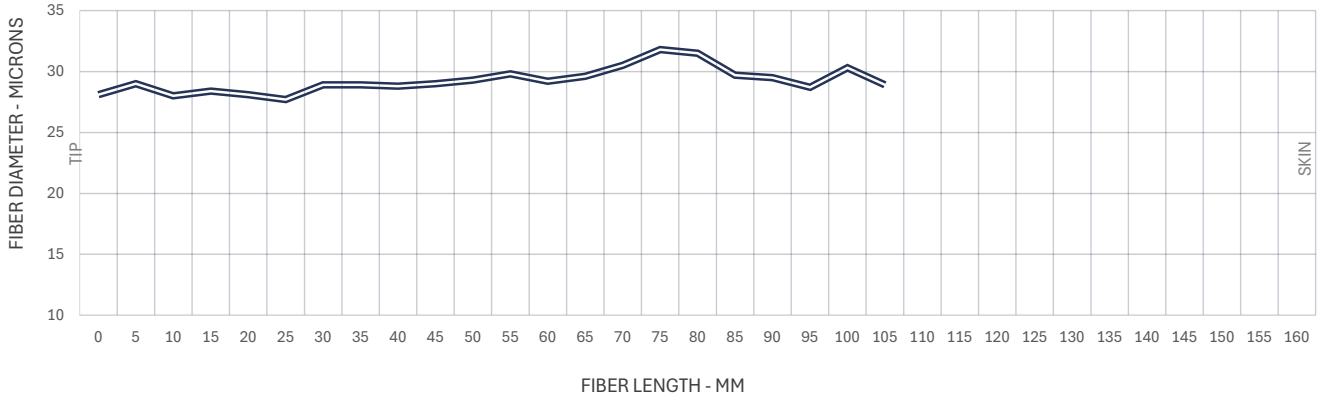
Tikanui's Saturn of Harmony

Registry #	35426011	Color	201 - Beige	Date of Birth	08.10.18
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	5y 9m (69m)

Mean Fiber Diameter (MFD)	**28.6**	microns	Mean Staple Length	**110**	mm
Standard Deviation (SD)	**5.1**	microns	Finest point from Tip	**25.0**	mm
Coefficient of Variation (COV)	**17.8**	%	Maximum Diameter	**31.8**	microns
Spinning Fineness (SF)	**27.1**	microns	Minimum Diameter	**27.7**	microns
Course Edge Micron (CEM)	**9.5**	microns	Mean Curvature	**12.1**	deg/mm
% Fibers < 15 µm	**0.0**	%	SD Curvature	**14.8**	deg/mm
Prickle Factor (fibers > 30µm)	**28.6**	%	# of Fibers Evaluated	**5,264**	
Comfort Factor (% <= 30µm)	**71.4**	%			

FOR BREEDER USE ONLY





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

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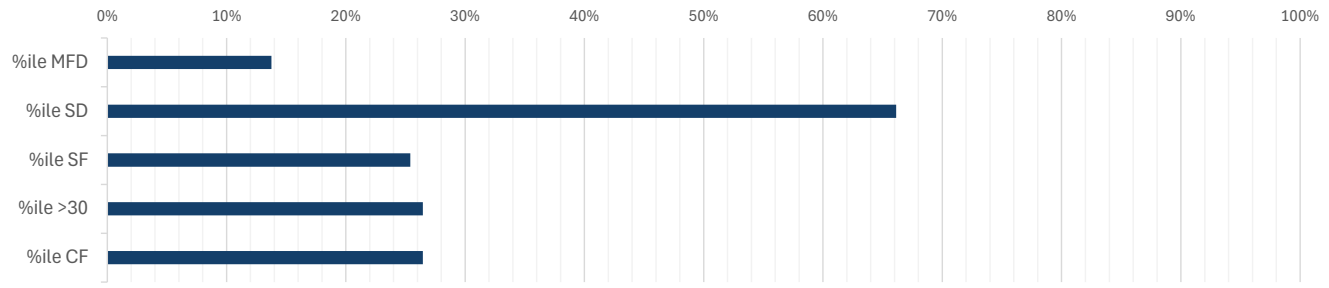
Registry #	35426011	Color	201 - Beige	Date of Birth	08.10.18
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	5y 9m (69m)

COMPARABLE DATA

	Saturn	Suri	Suri Female	Suri 5-6 Age Range	Suri Beige Color Group	Suri BG-5 Color:Age
Number of Comparable Studies		3,203	1,936	189	329	17
Mean Fiber Diameter (µm)	**28.6**	22.7	23.3	25.1	22.3	24.6
Standard Deviation (µm)	**5.1**	5.1	5.3	5.6	5.0	5.2
Coefficient of Variation (%)	**17.8**	22.7	21.1	22.3	22.6	21.3
Spinning Fineness (µm)	**27.1**	22.6	23.2	25.0	22.2	24.1
% Fibers < 15 µm	**0.0**	2.1	1.6	0.1	0.9	0.1
Prickle Factor (% > 30µm)	**28.6**	10.5	11.9	17.5	9.0	13.4
Comfort Factor (% <= 30µm)	**71.4**	89.5	88.1	82.5	91.0	87
Mean Staple Length (mm)	**110**	143	137	127	156	121
Course Edge Micron (µm)	**9.5**	10.0	10.3	10.4	10.3	9.3
Minimum Diameter (µm)	**27.7**	20.9	21.5	23.9	21.0	25.1
Maximum Diameter (µm)	**31.8**	25.0	25.5	27.3	25.0	28.5
Mean Curvature (deg/mm)	**12.1**	15.7	15.5	15.0	16.9	14.0
SD Curvature (deg/mm)	**14.8**	15.2	14.8	13.2	15.0	12.1

FOR BREEDER USE ONLY

PERCENTILE RANK vs ALL 5-6 YEAR OLD ANIMALS



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