

# INTERNATIONAL ALPACA ANALYTICS

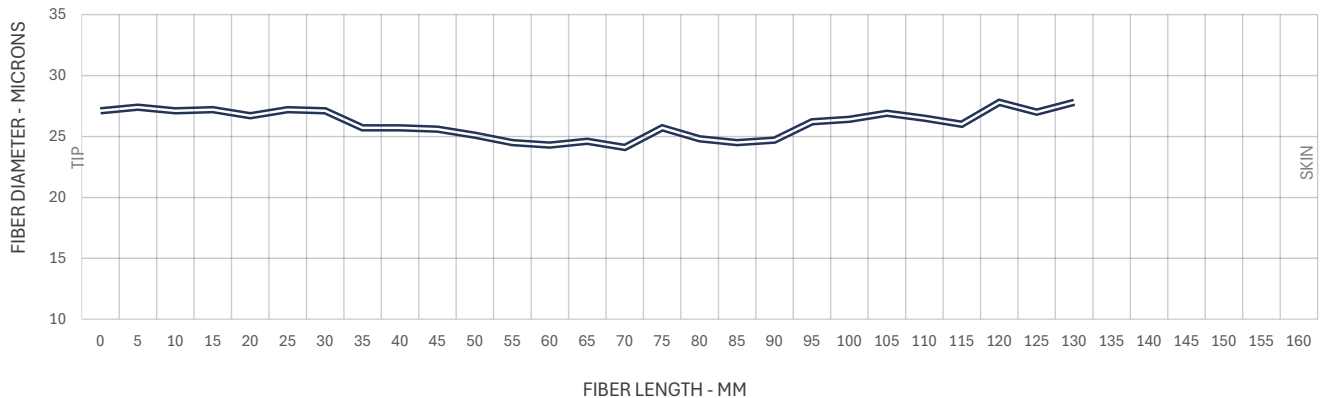
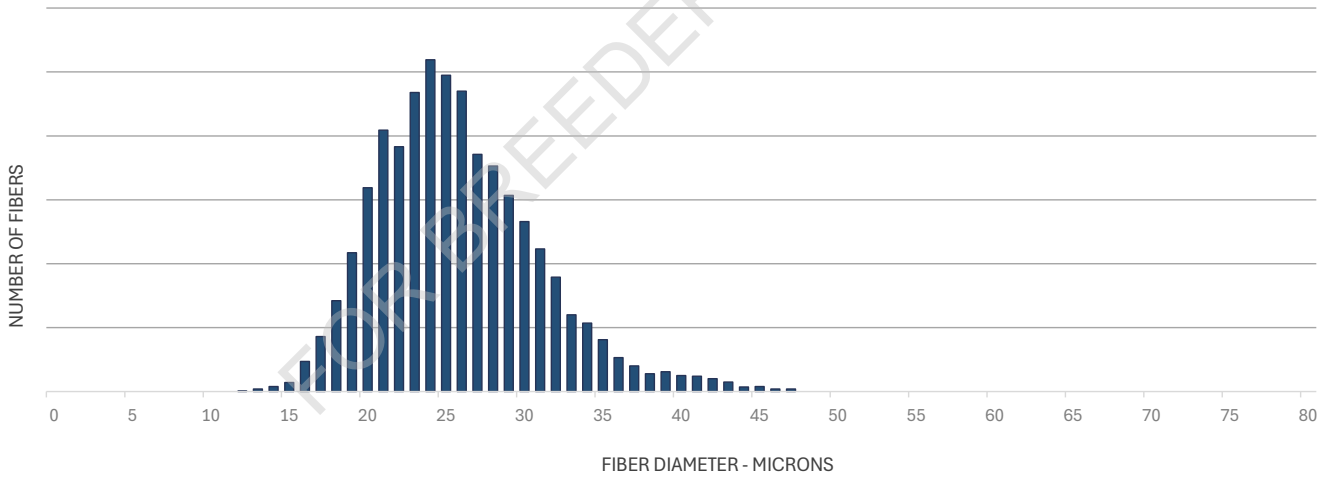
Hasselbring's Harmony Ranch  
 29049 Davis Rd  
 Concordia MO

Date: 06.29.24  
 Farm ID: 08099

## Tikanui's Sprite of Harmony

Registry #	35426080	Color	100 - White	Date of Birth	05.01.21
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	3y 0m (36m)

Mean Fiber Diameter (MFD)	<b>25.7</b> microns	Mean Staple Length	<b>135</b> mm
Standard Deviation (SD)	<b>5.2</b> microns	Finest point from Tip	<b>70.0</b> mm
Coefficient of Variation (COV)	<b>20.1</b> %	Maximum Diameter	<b>27.8</b> microns
Spinning Fineness (SF)	<b>24.9</b> microns	Minimum Diameter	<b>24.1</b> microns
Course Edge Micron (CEM)	<b>9.9</b> microns	Mean Curvature	<b>11.2</b> deg/mm
% Fibers < 15 µm	<b>0.2</b> %	SD Curvature	<b>11.3</b> deg/mm
Prickle Factor (fibers > 30µm)	<b>16.6</b> %	# of Fibers Evaluated	<b>5,848</b>
Comfort Factor (% <= 30µm)	<b>83.4</b> %		



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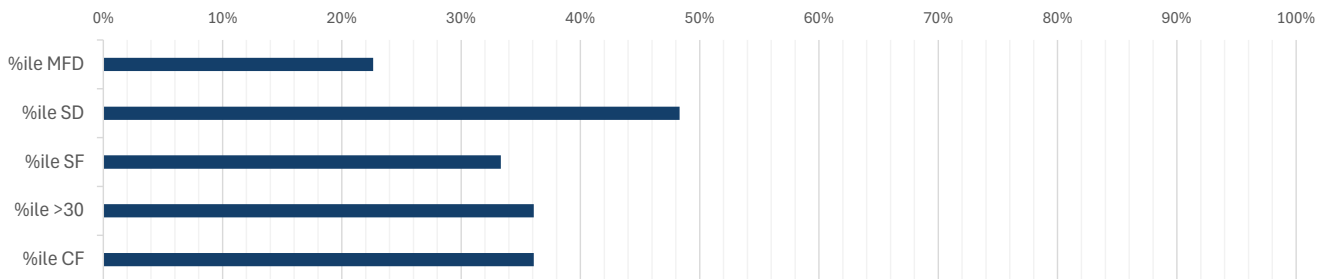
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### COMPARABLE DATA

	Sprite	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)	<b>25.7</b>	22.7	23.3	22.9	22.6	22.9
Standard Deviation (µm)	<b>5.2</b>	5.1	5.3	5.1	5.0	4.9
Coefficient of Variation (%)	<b>20.1</b>	22.7	21.1	22.2	22.1	21.6
Spinning Fineness (µm)	<b>24.9</b>	22.6	23.2	22.8	22.5	22.7
% Fibers < 15 µm	<b>0.2</b>	2.1	1.6	1.5	2.0	1.5
Prickle Factor (% > 30µm)	<b>16.6</b>	10.5	11.9	10.1	9.6	9.4
Comfort Factor (% ≤ 30µm)	<b>83.4</b>	89.5	88.1	89.9	90.4	91
Mean Staple Length (mm)	<b>135</b>	143	137	151	148	153
Course Edge Micron (µm)	<b>9.9</b>	10.0	10.3	9.2	9.8	8.5
Minimum Diameter (µm)	<b>24.1</b>	20.9	21.5	21.3	21.7	22.0
Maximum Diameter (µm)	<b>27.8</b>	25.0	25.5	24.9	25.4	25.2
Mean Curvature (deg/mm)	<b>11.2</b>	15.7	15.5	14.7	15.9	14.7
SD Curvature (deg/mm)	<b>11.3</b>	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.

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