

# INTERNATIONAL ALPACA ANALYTICS

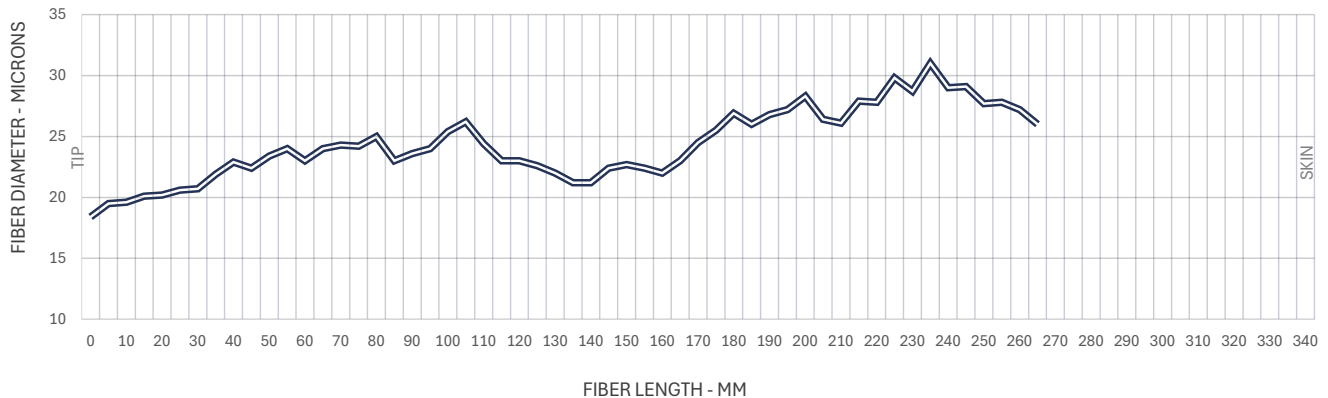
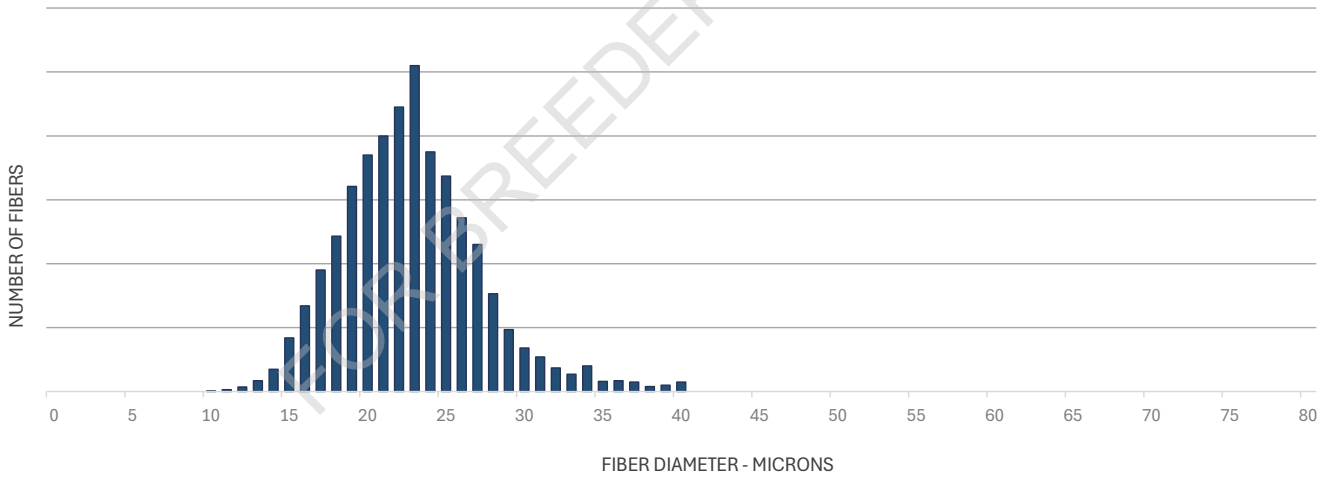
Hasselbring's Harmony Ranch  
 29049 Davis Rd  
 Concordia MO

Date: 06.29.24  
 Farm ID: 08099

## Zen's Bowie of Harmony

Registry #	36194919	Color	100 - White	Date of Birth	06.30.22
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	1y 10m (23m)

Mean Fiber Diameter (MFD)	<b>23.1</b> microns	Mean Staple Length	<b>360</b> mm
Standard Deviation (SD)	<b>4.7</b> microns	Finest point from Tip	<b>5.8</b> mm
Coefficient of Variation (COV)	<b>20.2</b> %	Maximum Diameter	<b>28.1</b> microns
Spinning Fineness (SF)	<b>22.3</b> microns	Minimum Diameter	<b>19.8</b> microns
Course Edge Micron (CEM)	<b>8.9</b> microns	Mean Curvature	<b>16.2</b> deg/mm
% Fibers < 15 µm	<b>2.0</b> %	SD Curvature	<b>20.0</b> deg/mm
Prickle Factor (fibers > 30µm)	<b>6.9</b> %	# of Fibers Evaluated	<b>7,389</b>
Comfort Factor (% <= 30µm)	<b>93.1</b> %		



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Registry #	36194919	Color	100 - White	Date of Birth	06.30.22
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	Off	Sample Date	05.15.24
				Age at Sample	1y 10m (23m)

### COMPARABLE DATA

	Bowie	Suri	Suri Male	Suri 1-2 Age Range	Suri White Color Group	Suri WH-1 Color:Age
<i>Number of Comparable Studies</i>		3,203	1,263	759	1,039	241
Mean Fiber Diameter (µm)	<b>23.1</b>	22.7	21.8	21.0	22.6	20.7
Standard Deviation (µm)	<b>4.7</b>	5.1	4.9	4.8	5.0	4.6
Coefficient of Variation (%)	<b>20.2</b>	22.7	22.7	22.7	22.1	22.1
Spinning Fineness (µm)	<b>22.3</b>	22.6	21.8	20.9	22.5	20.6
% Fibers < 15 µm	<b>2.0</b>	2.1	3.2	6.9	2.0	5.5
Prickle Factor (% > 30µm)	<b>6.9</b>	10.5	8.3	5.3	9.6	4.6
Comfort Factor (% ≤ 30µm)	<b>93.1</b>	89.5	91.7	94.7	90.4	95
Mean Staple Length (mm)	<b>360</b>	143	152	180	148	180
Course Edge Micron (µm)	<b>8.9</b>	10.0	9.7	8.9	9.8	9.0
Minimum Diameter (µm)	<b>19.8</b>	20.9	20.2	19.0	21.7	19.4
Maximum Diameter (µm)	<b>28.1</b>	25.0	24.3	23.4	25.4	23.7
Mean Curvature (deg/mm)	<b>16.2</b>	15.7	16.0	16.4	15.9	17.3
SD Curvature (deg/mm)	<b>20.0</b>	15.2	15.9	16.7	14.8	16.6

### PERCENTILE RANK vs ALL 1-2 YEAR OLD ANIMALS

