

# INTERNATIONAL ALPACA ANALYTICS

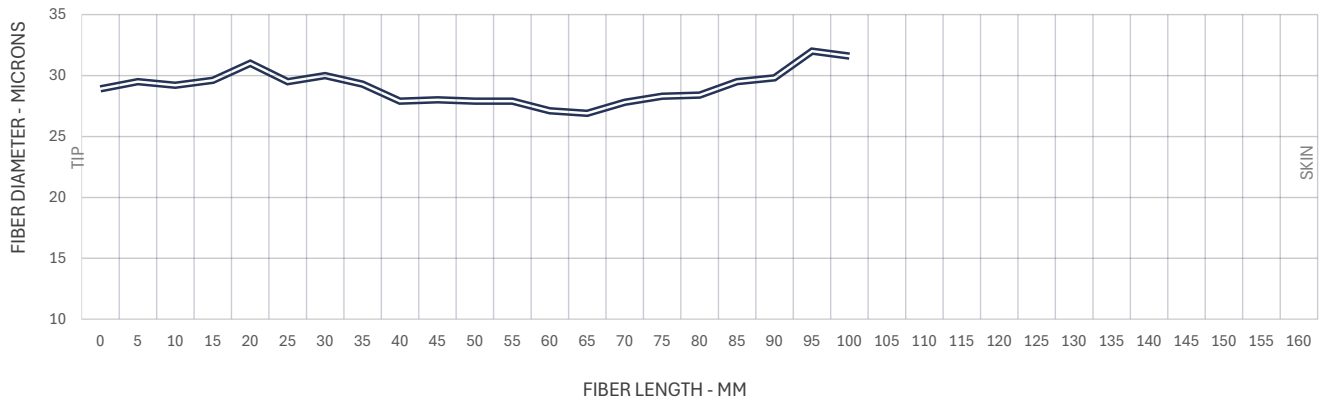
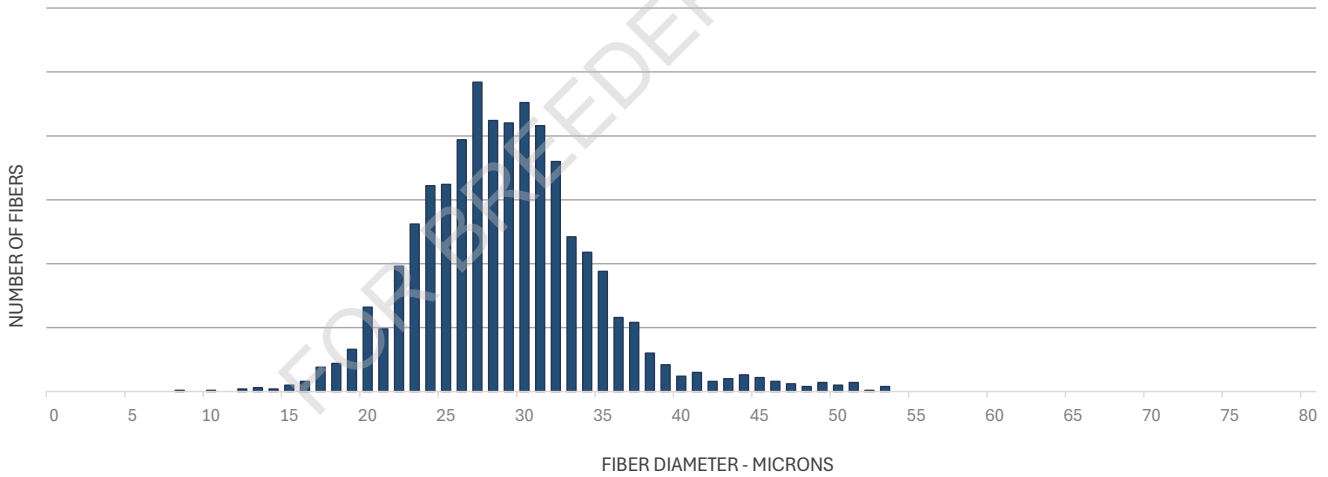
Hasselbring's Harmony Ranch  
 29049 Davis Rd  
 Concordia MO

Date: 06.29.24  
 Farm ID: 08099

## Tikanui's Zen of Harmony

Registry #	32700305	Color	100 - White	Date of Birth	07.20.15
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	8y 9m (106m)

Mean Fiber Diameter (MFD)	<b>28.8</b> microns	Mean Staple Length	<b>105</b> mm
Standard Deviation (SD)	<b>5.7</b> microns	Finest point from Tip	<b>65.0</b> mm
Coefficient of Variation (COV)	<b>19.8</b> %	Maximum Diameter	<b>32.0</b> microns
Spinning Fineness (SF)	<b>27.8</b> microns	Minimum Diameter	<b>26.9</b> microns
Course Edge Micron (CEM)	<b>9.8</b> microns	Mean Curvature	<b>13.5</b> deg/mm
% Fibers < 15 µm	<b>0.3</b> %	SD Curvature	<b>15.8</b> deg/mm
Prickle Factor (fibers > 30µm)	<b>34.8</b> %	# of Fibers Evaluated	<b>2,836</b>
Comfort Factor (% <= 30µm)	<b>65.2</b> %		



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### COMPARABLE DATA

	Zen	Suri	Suri Male	Suri 8-9 Age Range	Suri White Color Group	Suri WH-8 Color:Age
<i>Number of Comparable Studies</i>		3,203	1,263	93	1,039	30
Mean Fiber Diameter (µm)	<b>28.8</b>	22.7	21.8	26.0	22.6	26.1
Standard Deviation (µm)	<b>5.7</b>	5.1	4.9	5.9	5.0	5.6
Coefficient of Variation (%)	<b>19.8</b>	22.7	22.7	22.6	22.1	21.5
Spinning Fineness (µm)	<b>27.8</b>	22.6	21.8	25.9	22.5	25.7
% Fibers < 15 µm	<b>0.3</b>	2.1	3.2	0.3	2.0	0.2
Prickle Factor (% > 30µm)	<b>34.8</b>	10.5	8.3	19.5	9.6	18.2
Comfort Factor (% ≤ 30µm)	<b>65.2</b>	89.5	91.7	80.5	90.4	82
Mean Staple Length (mm)	<b>105</b>	143	152	116	148	120
Course Edge Micron (µm)	<b>9.8</b>	10.0	9.7	10.9	9.8	10.6
Minimum Diameter (µm)	<b>26.9</b>	20.9	20.2	23.7	21.7	24.7
Maximum Diameter (µm)	<b>32.0</b>	25.0	24.3	27.4	25.4	28.2
Mean Curvature (deg/mm)	<b>13.5</b>	15.7	16.0	14.0	15.9	12.4
SD Curvature (deg/mm)	<b>15.8</b>	15.2	15.9	13.0	14.8	11.4

### PERCENTILE RANK vs ALL 8-9 YEAR OLD ANIMALS

