

# INTERNATIONAL ALPACA ANALYTICS

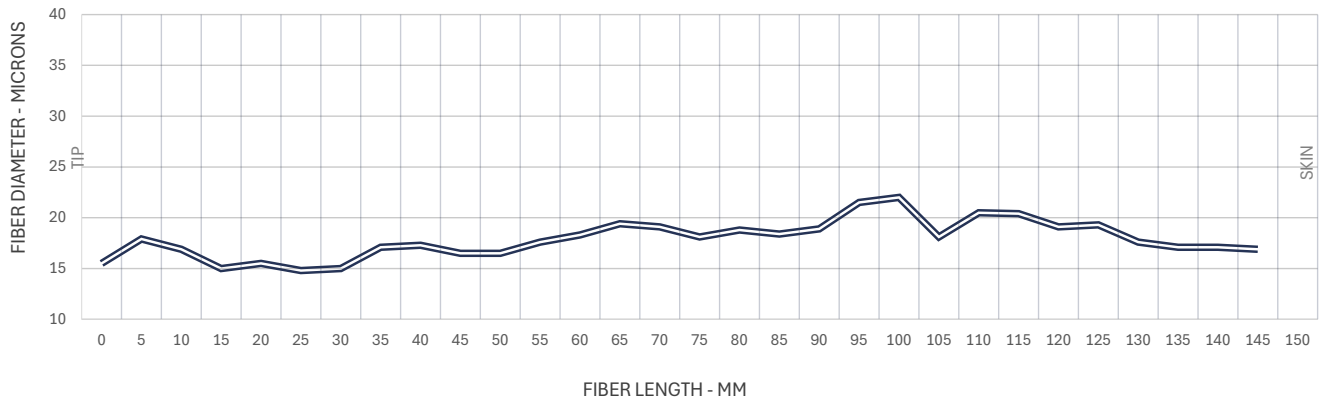
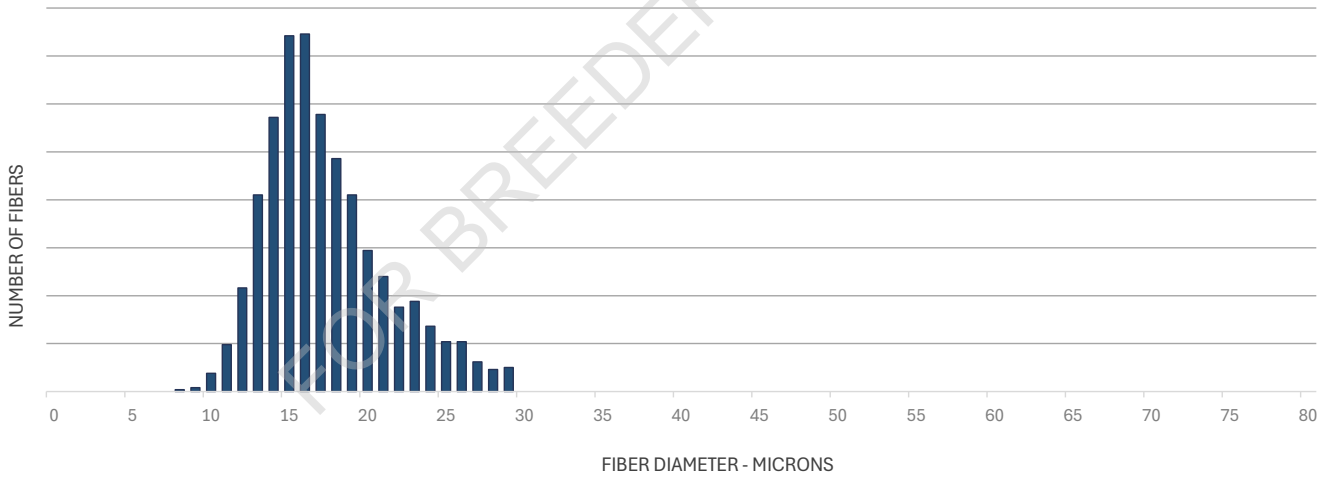
Hasselbring's Harmony Ranch  
 29049 Davis Rd  
 Concordia MO

Date: 06.29.24  
 Farm ID: 08099

## Zen's Bodhi of Harmony

Registry #	36304134	Color	100 - White	Date of Birth	09.27.23
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	0y 7m (8m)

Mean Fiber Diameter (MFD)	<b>16.4</b> microns	Mean Staple Length	<b>150</b> mm
Standard Deviation (SD)	<b>3.9</b> microns	Finest point from Tip	<b>25.0</b> mm
Coefficient of Variation (COV)	<b>23.9</b> %	Maximum Diameter	<b>22.0</b> microns
Spinning Fineness (SF)	<b>16.3</b> microns	Minimum Diameter	<b>14.8</b> microns
Course Edge Micron (CEM)	<b>8.4</b> microns	Mean Curvature	<b>27.0</b> deg/mm
% Fibers < 15 µm	<b>36.6</b> %	SD Curvature	<b>28.5</b> deg/mm
Prickle Factor (fibers > 30µm)	<b>0.0</b> %	# of Fibers Evaluated	<b>2,854</b>
Comfort Factor (% <= 30µm)	<b>100.0</b> %		



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Registry #	36304134	Color	100 - White	Date of Birth	09.27.23
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	Off	Sample Date	05.15.24
				Age at Sample	0y 7m (8m)

### COMPARABLE DATA

	Bodhi	Suri	Suri Male	Suri 0-1 Age Range	Suri White Color Group	Suri WH-0 Color:Age
<i>Number of Comparable Studies</i>		3,203	1,263	633	1,039	175
Mean Fiber Diameter (µm)	<b>16.4</b>	22.7	21.8	19.7	22.6	19.3
Standard Deviation (µm)	<b>3.9</b>	5.1	4.9	4.7	5.0	4.4
Coefficient of Variation (%)	<b>23.9</b>	22.7	22.7	23.9	22.1	22.8
Spinning Fineness (µm)	<b>16.3</b>	22.6	21.8	19.7	22.5	19.2
% Fibers < 15 µm	<b>36.6</b>	2.1	3.2	15.1	2.0	15.5
Prickle Factor (% > 30µm)	<b>0.0</b>	10.5	8.3	4.0	9.6	3.1
Comfort Factor (% ≤ 30µm)	<b>#####</b>	89.5	91.7	96.0	90.4	97
Mean Staple Length (mm)	<b>150</b>	143	152	154	148	172
Course Edge Micron (µm)	<b>8.4</b>	10.0	9.7	8.9	9.8	8.0
Minimum Diameter (µm)	<b>14.8</b>	20.9	20.2	17.1	21.7	16.7
Maximum Diameter (µm)	<b>22.0</b>	25.0	24.3	22.4	25.4	22.0
Mean Curvature (deg/mm)	<b>27.0</b>	15.7	16.0	16.9	15.9	17.8
SD Curvature (deg/mm)	<b>28.5</b>	15.2	15.9	17.4	14.8	17.1

### PERCENTILE RANK vs ALL 0-1 YEAR OLD ANIMALS

