

# INTERNATIONAL ALPACA ANALYTICS

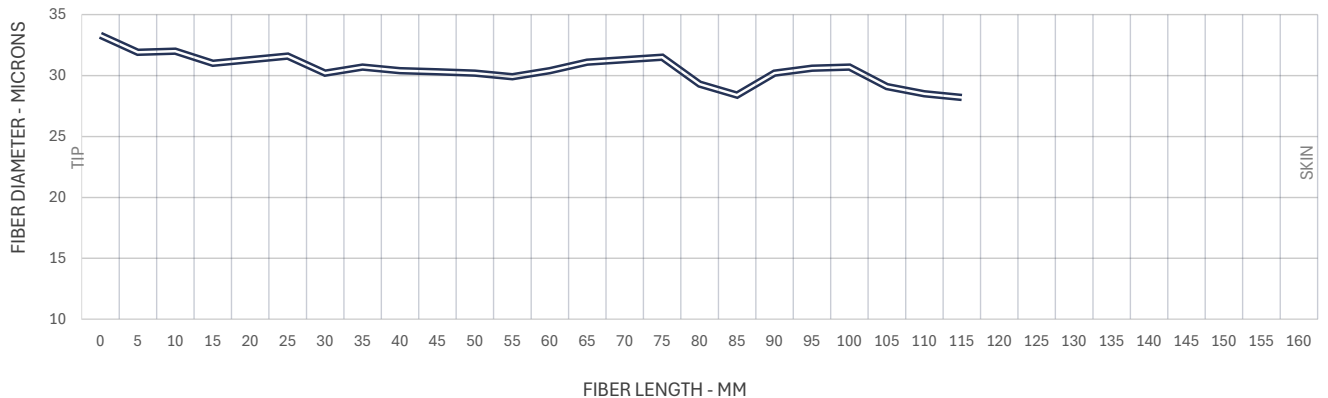
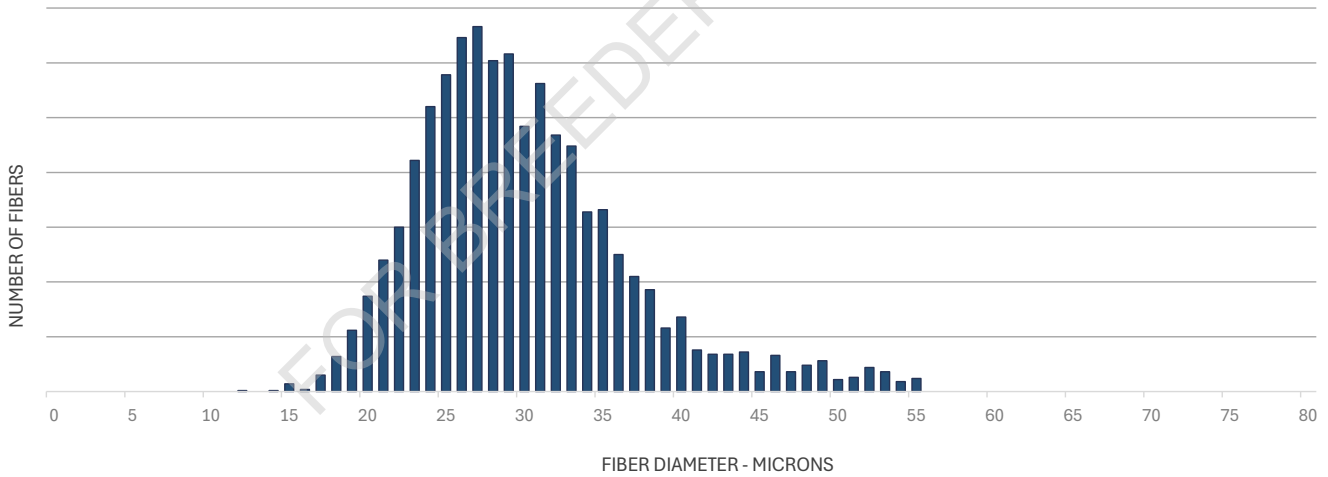
Hasselbring's Harmony Ranch  
 29049 Davis Rd  
 Concordia MO

Date: 06.29.24  
 Farm ID: 08099

## Pucara Puresuri Tikanui

Registry #	32079616	Color	100 - White	Date of Birth	08.12.10
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	13y 9m (165m)

Mean Fiber Diameter (MFD)	<b>30.0</b> microns	Mean Staple Length	<b>120</b> mm
Standard Deviation (SD)	<b>6.9</b> microns	Finest point from Tip	<b>115.0</b> mm
Coefficient of Variation (COV)	<b>23.0</b> %	Maximum Diameter	<b>33.3</b> microns
Spinning Fineness (SF)	<b>29.7</b> microns	Minimum Diameter	<b>28.2</b> microns
Course Edge Micron (CEM)	<b>14.4</b> microns	Mean Curvature	<b>10.8</b> deg/mm
% Fibers < 15 µm	<b>0.0</b> %	SD Curvature	<b>12.3</b> deg/mm
Prickle Factor (fibers > 30µm)	<b>40.5</b> %	# of Fibers Evaluated	<b>4,605</b>
Comfort Factor (% <= 30µm)	<b>59.5</b> %		



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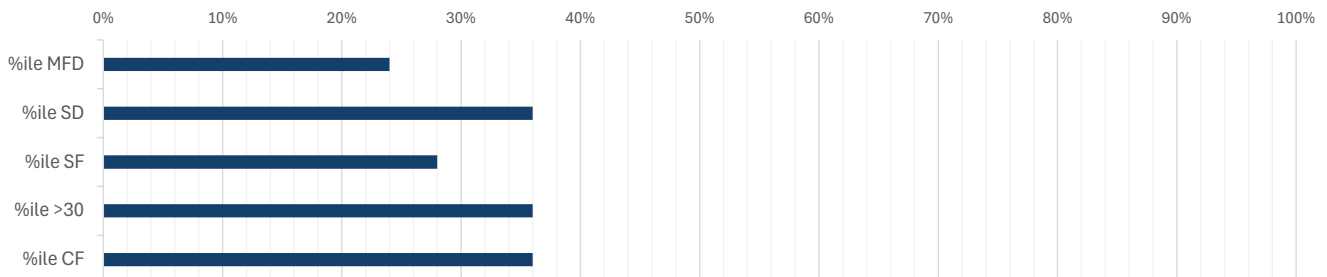
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### COMPARABLE DATA

	Tikanui	Suri	Suri Male	Suri 13-14	Suri White	Suri WH-13
				Age Range	Color Group	Color:Age
<i>Number of Comparable Studies</i>		3,203	1,263	25	1,039	8
Mean Fiber Diameter (µm)	<b>30.0</b>	22.7	21.8	27.0	22.6	26.3
Standard Deviation (µm)	<b>6.9</b>	5.1	4.9	6.3	5.0	6.4
Coefficient of Variation (%)	<b>23.0</b>	22.7	22.7	23.2	22.1	24.3
Spinning Fineness (µm)	<b>29.7</b>	22.6	21.8	26.9	22.5	26.6
% Fibers < 15 µm	<b>0.0</b>	2.1	3.2	0.0	2.0	0.1
Prickle Factor (% > 30µm)	<b>40.5</b>	10.5	8.3	25.3	9.6	20.5
Comfort Factor (% ≤ 30µm)	<b>59.5</b>	89.5	91.7	74.7	90.4	80
Mean Staple Length (mm)	<b>120</b>	143	152	99	148	106
Course Edge Micron (µm)	<b>14.4</b>	10.0	9.7	12.7	9.8	12.5
Minimum Diameter (µm)	<b>28.2</b>	20.9	20.2	25.7	21.7	26.1
Maximum Diameter (µm)	<b>33.3</b>	25.0	24.3	29.0	25.4	30.4
Mean Curvature (deg/mm)	<b>10.8</b>	15.7	16.0	16.1	15.9	12.1
SD Curvature (deg/mm)	<b>12.3</b>	15.2	15.9	13.3	14.8	14.9

### PERCENTILE RANK vs ALL 13-14 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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