

# INTERNATIONAL ALPACA ANALYTICS

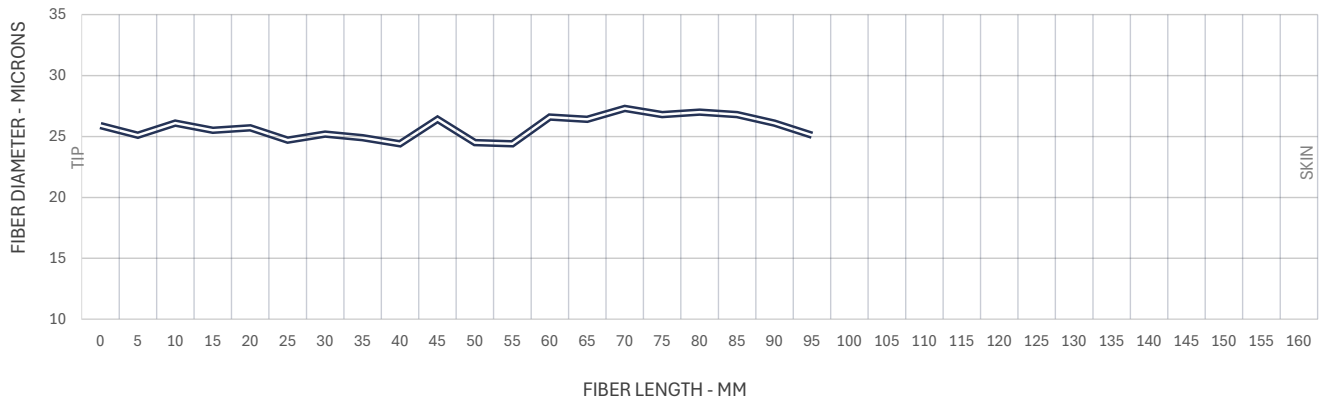
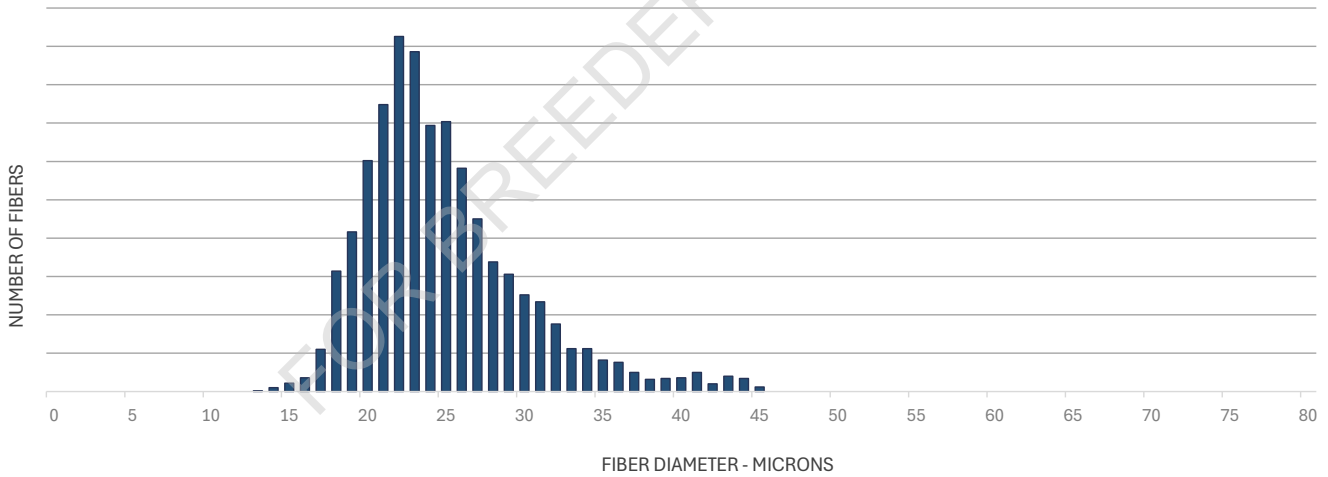
Hasselbring's Harmony Ranch  
 29049 Davis Rd  
 Concordia MO

Date: 06.29.24  
 Farm ID: 08099

## Snicker's Sir Prize

Registry #	35373575	Color	301 - Medium Brown	Date of Birth	11.11.17
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	6y 6m (78m)

Mean Fiber Diameter (MFD)	<b>24.8</b> microns	Mean Staple Length	<b>100</b> mm
Standard Deviation (SD)	<b>5.2</b> microns	Finest point from Tip	<b>55.0</b> mm
Coefficient of Variation (COV)	<b>20.8</b> %	Maximum Diameter	<b>27.3</b> microns
Spinning Fineness (SF)	<b>24.1</b> microns	Minimum Diameter	<b>24.4</b> microns
Course Edge Micron (CEM)	<b>10.7</b> microns	Mean Curvature	<b>12.6</b> deg/mm
% Fibers < 15 µm	<b>0.1</b> %	SD Curvature	<b>15.0</b> deg/mm
Prickle Factor (fibers > 30µm)	<b>12.9</b> %	# of Fibers Evaluated	<b>4,249</b>
Comfort Factor (% <= 30µm)	<b>87.1</b> %		



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### COMPARABLE DATA

	Sir Prize	Suri	Suri Male	Suri 6-7 Age Range	Suri Brown Color Group	Suri BR-6 Color:Age
<i>Number of Comparable Studies</i>		3,203	1,263	156	385	20
Mean Fiber Diameter (µm)	<b>24.8</b>	22.7	21.8	24.9	22.9	24.1
Standard Deviation (µm)	<b>5.2</b>	5.1	4.9	5.5	5.2	5.2
Coefficient of Variation (%)	<b>20.8</b>	22.7	22.7	22.0	22.9	21.9
Spinning Fineness (µm)	<b>24.1</b>	22.6	21.8	24.8	22.9	24.0
% Fibers < 15 µm	<b>0.1</b>	2.1	3.2	0.2	3.2	0.1
Prickle Factor (% > 30µm)	<b>12.9</b>	10.5	8.3	16.8	11.0	14.2
Comfort Factor (% ≤ 30µm)	<b>87.1</b>	89.5	91.7	83.2	89.0	86
Mean Staple Length (mm)	<b>100</b>	143	152	119	132	101
Course Edge Micron (µm)	<b>10.7</b>	10.0	9.7	11.0	9.5	10.7
Minimum Diameter (µm)	<b>24.4</b>	20.9	20.2	24.8	20.5	22.9
Maximum Diameter (µm)	<b>27.3</b>	25.0	24.3	27.9	24.8	25.7
Mean Curvature (deg/mm)	<b>12.6</b>	15.7	16.0	15.0	14.9	11.9
SD Curvature (deg/mm)	<b>15.0</b>	15.2	15.9	12.5	15.4	15.3

### PERCENTILE RANK vs ALL 6-7 YEAR OLD ANIMALS

