

# INTERNATIONAL ALPACA ANALYTICS

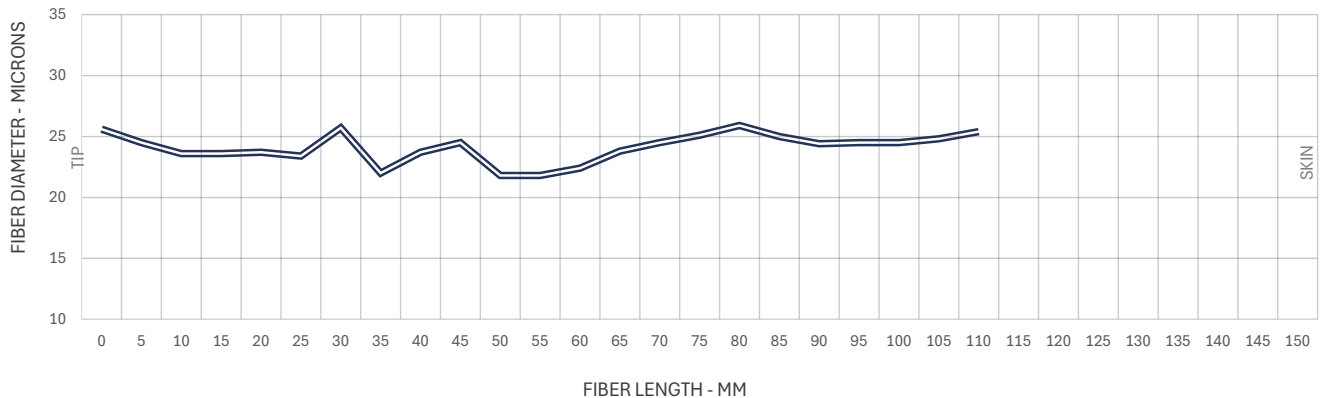
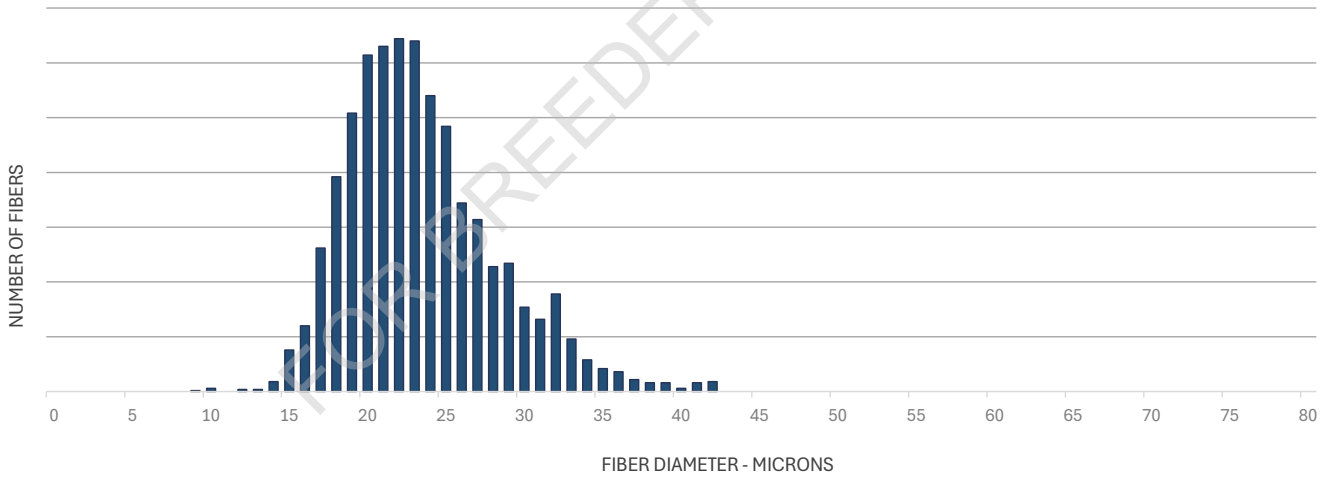
Hasselbring's Harmony Ranch  
 29049 Davis Rd  
 Concordia MO

Date: 06.29.24  
 Farm ID: 08099

## TSSS Ice Man

Registry #	35082699	Color	100 - White	Date of Birth	07.30.16
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	7y 9m (94m)

Mean Fiber Diameter (MFD)	<b>23.5</b> microns	Mean Staple Length	<b>115</b> mm
Standard Deviation (SD)	<b>4.8</b> microns	Finest point from Tip	<b>50.0</b> mm
Coefficient of Variation (COV)	<b>20.5</b> %	Maximum Diameter	<b>25.9</b> microns
Spinning Fineness (SF)	<b>22.7</b> microns	Minimum Diameter	<b>21.8</b> microns
Course Edge Micron (CEM)	<b>9.5</b> microns	Mean Curvature	<b>12.4</b> deg/mm
% Fibers < 15 µm	<b>0.5</b> %	SD Curvature	<b>14.6</b> deg/mm
Prickle Factor (fibers > 30µm)	<b>9.3</b> %	# of Fibers Evaluated	<b>3,427</b>
Comfort Factor (% <= 30µm)	<b>90.7</b> %		



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## TSSS Ice Man

Registry #	35082699	Color	100 - White	Date of Birth	07.30.16
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	Off	Sample Date	05.15.24
				Age at Sample	7y 9m (94m)

### COMPARABLE DATA

	Ice Man	Suri	Suri Male	Suri 7-8	Suri White	Suri WH-7
				Age Range	Color Group	Color:Age
<i>Number of Comparable Studies</i>		3,203	1,263	119	1,039	43
Mean Fiber Diameter (µm)	<b>23.5</b>	22.7	21.8	26.1	22.6	26.2
Standard Deviation (µm)	<b>4.8</b>	5.1	4.9	5.8	5.0	5.7
Coefficient of Variation (%)	<b>20.5</b>	22.7	22.7	22.3	22.1	21.8
Spinning Fineness (µm)	<b>22.7</b>	22.6	21.8	25.9	22.5	26.0
% Fibers < 15 µm	<b>0.5</b>	2.1	3.2	0.1	2.0	0.1
Prickle Factor (% > 30µm)	<b>9.3</b>	10.5	8.3	20.5	9.6	22.9
Comfort Factor (% ≤ 30µm)	<b>90.7</b>	89.5	91.7	79.5	90.4	77
Mean Staple Length (mm)	<b>115</b>	143	152	112	148	115
Course Edge Micron (µm)	<b>9.5</b>	10.0	9.7	11.4	9.8	10.8
Minimum Diameter (µm)	<b>21.8</b>	20.9	20.2	24.9	21.7	26.0
Maximum Diameter (µm)	<b>25.9</b>	25.0	24.3	28.1	25.4	29.5
Mean Curvature (deg/mm)	<b>12.4</b>	15.7	16.0	14.3	15.9	14.1
SD Curvature (deg/mm)	<b>14.6</b>	15.2	15.9	13.7	14.8	14.2

### PERCENTILE RANK vs ALL 7-8 YEAR OLD ANIMALS

