

INTERNATIONAL ALPACA ANALYTICS

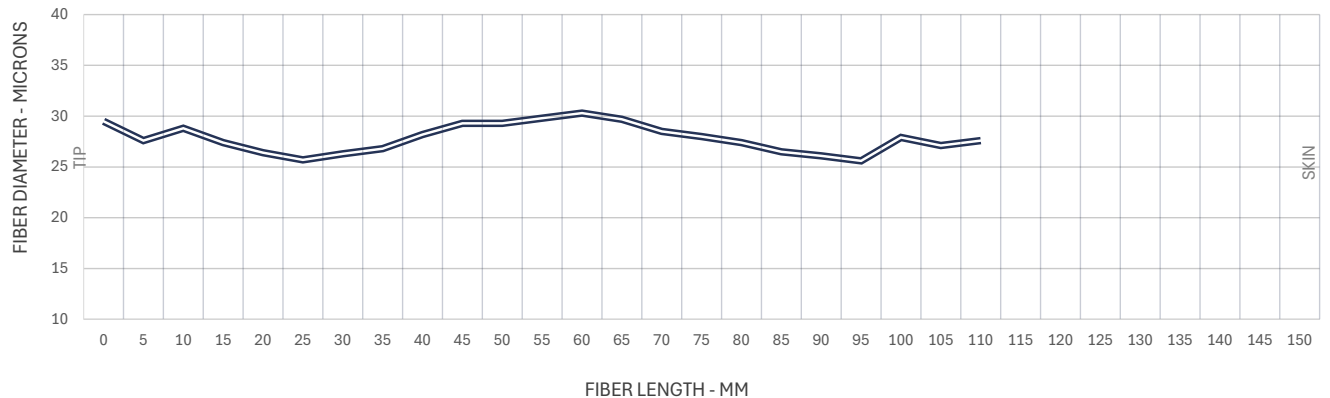
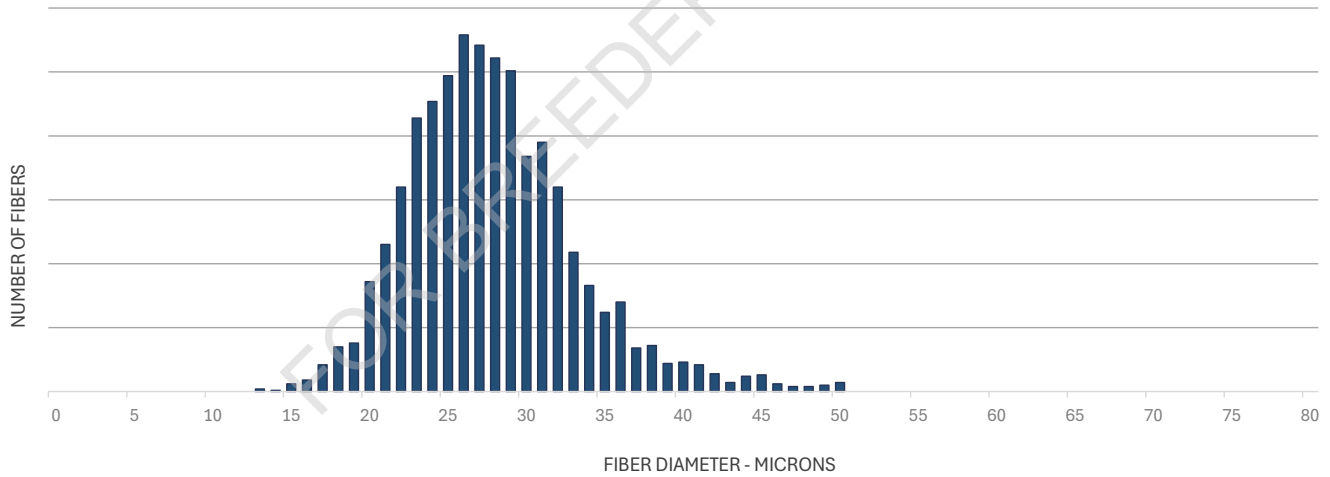
Hasselbring's Harmony Ranch
29049 Davis Rd
Concordia MO

Date: 06.29.24
Farm ID: 08099

Kahuna's WCF Ava Rose

Registry #	32079753	Color	100 - White	Date of Birth	04.04.10
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	14y 1m (169m)

Mean Fiber Diameter (MFD)	26.8 microns	Mean Staple Length	115 mm
Standard Deviation (SD)	5.4 microns	Finest point from Tip	95.0 mm
Coefficient of Variation (COV)	20.3 %	Maximum Diameter	30.3 microns
Spinning Fineness (SF)	25.9 microns	Minimum Diameter	25.6 microns
Course Edge Micron (CEM)	10.4 microns	Mean Curvature	12.3 deg/mm
% Fibers < 15 µm	0.3 %	SD Curvature	12.5 deg/mm
Prickle Factor (fibers > 30µm)	21.0 %	# of Fibers Evaluated	3,294
Comfort Factor (% <= 30µm)	79.0 %		



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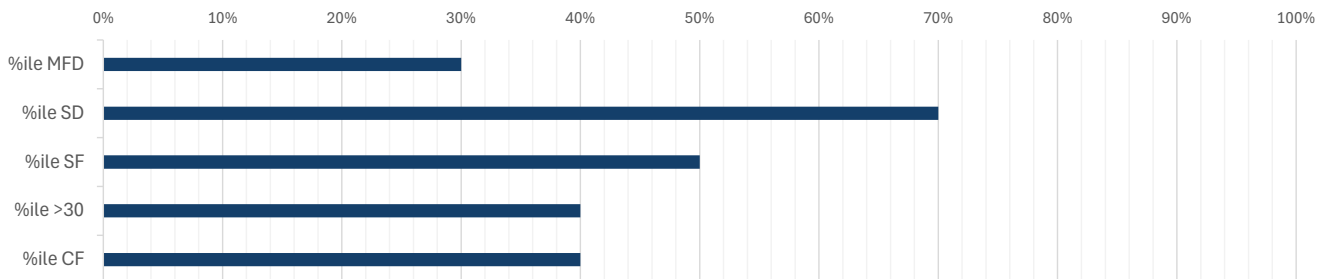
Kahuna's WCF Ava Rose

Registry #	32079753	Color	100 - White	Date of Birth	04.04.10
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	Off	Sample Date	05.15.24
				Age at Sample	14y 1m (169m)

COMPARABLE DATA

	Ava Rose	Suri	Suri Female	Suri 14-15 Age Range	Suri White Color Group	Suri WH-14 Color:Age
<i>Number of Comparable Studies</i>		3,203	1,936	10	1,039	3
Mean Fiber Diameter (µm)	26.8	22.7	23.3	25.5	22.6	26.7
Standard Deviation (µm)	5.4	5.1	5.3	5.8	5.0	5.3
Coefficient of Variation (%)	20.3	22.7	21.1	23.0	22.1	20.0
Spinning Fineness (µm)	25.9	22.6	23.2	25.4	22.5	26.0
% Fibers < 15 µm	0.3	2.1	1.6	0.3	2.0	0.3
Prickle Factor (% > 30µm)	21.0	10.5	11.9	16.6	9.6	20.4
Comfort Factor (% ≤ 30µm)	79.0	89.5	88.1	83.4	90.4	80
Mean Staple Length (mm)	115	143	137	90	148	98
Course Edge Micron (µm)	10.4	10.0	10.3	10.4	9.8	10.4
Minimum Diameter (µm)	25.6	20.9	21.5	25.6	21.7	25.6
Maximum Diameter (µm)	30.3	25.0	25.5	30.3	25.4	30.3
Mean Curvature (deg/mm)	12.3	15.7	15.5	15.7	15.9	9.8
SD Curvature (deg/mm)	12.5	15.2	14.8	14.9	14.8	11.2

PERCENTILE RANK vs ALL 14-15 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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