

INTERNATIONAL ALPACA ANALYTICS

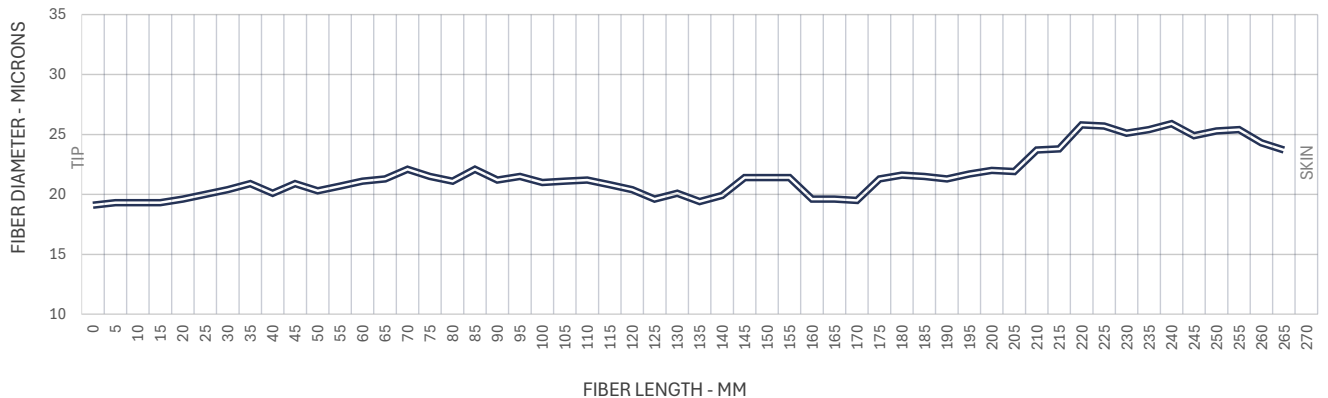
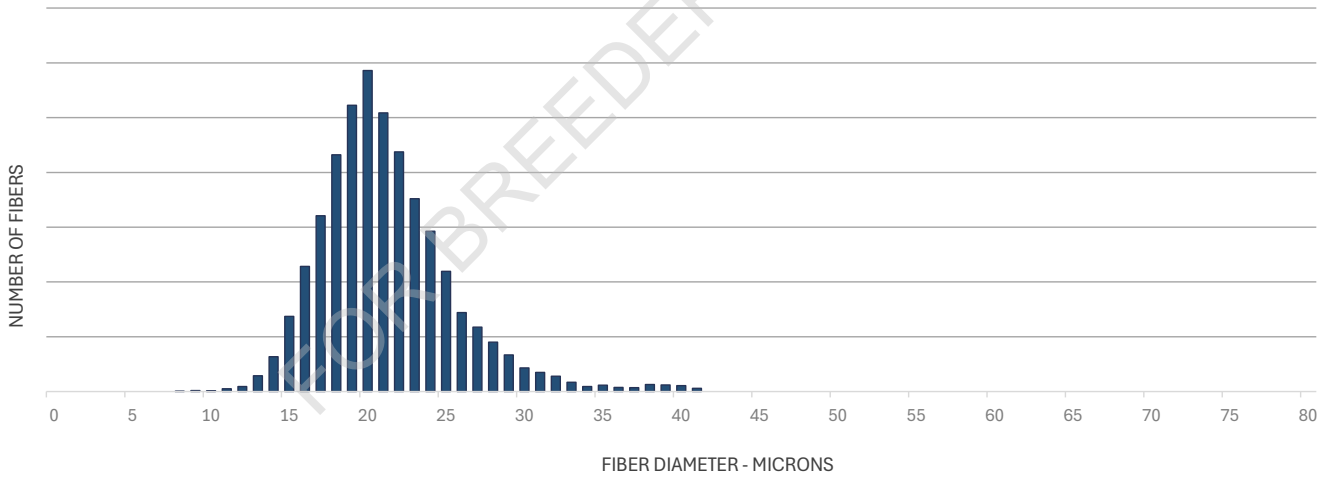
Hasselbring's Harmony Ranch
 29049 Davis Rd
 Concordia MO

Date: 06.29.24
 Farm ID: 08099

Astor's Yadana of Harmony

Registry #	36194780	Color	201 - Beige	Date of Birth	09.01.22
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	1y 8m (20m)

Mean Fiber Diameter (MFD)	21.1 microns	Mean Staple Length	0 mm
Standard Deviation (SD)	3.9 microns	Finest point from Tip	3.4 mm
Coefficient of Variation (COV)	18.7 %	Maximum Diameter	23.4 microns
Spinning Fineness (SF)	20.2 microns	Minimum Diameter	19.2 microns
Course Edge Micron (CEM)	7.9 microns	Mean Curvature	18.2 deg/mm
% Fibers < 15 µm	2.3 %	SD Curvature	23.5 deg/mm
Prickle Factor (fibers > 30µm)	2.8 %	# of Fibers Evaluated	9,483
Comfort Factor (% <= 30µm)	97.2 %		



INTERNATIONAL ALPACA ANALYTICS

Hasselbring's Harmony Ranch
29049 Davis Rd
Concordia MO

Date: 06.29.24
Farm ID: 08099

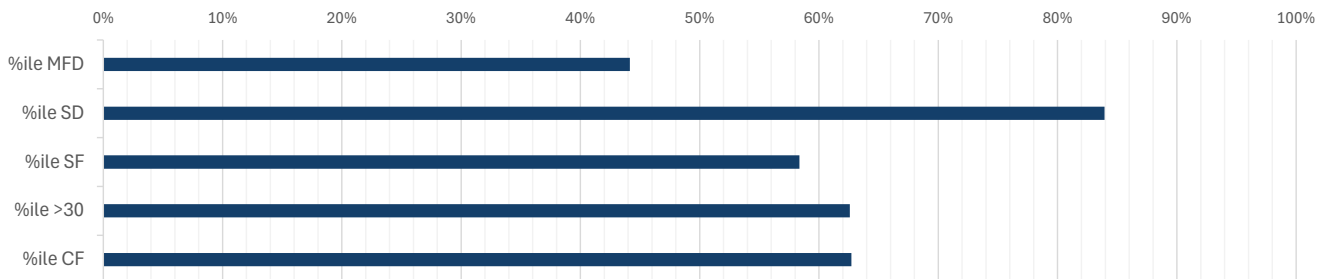
Astor's Yadana of Harmony

Registry #	36194780	Color	201 - Beige	Date of Birth	09.01.22
Breed	Suri	Sample Location	Mid-side	Last Shear Date	
Gender	Female	Trim High	On	Sample Date	05.15.24
				Age at Sample	1y 8m (20m)

COMPARABLE DATA

	Yadana	Suri	Suri Female	Suri 1-2 Age Range	Suri Beige Color Group	Suri BG-1 Color:Age
<i>Number of Comparable Studies</i>		3,203	1,936	759	329	92
Mean Fiber Diameter (µm)	21.1	22.7	23.3	21.0	22.3	20.8
Standard Deviation (µm)	3.9	5.1	5.3	4.8	5.0	4.7
Coefficient of Variation (%)	18.7	22.7	21.1	22.7	22.6	22.8
Spinning Fineness (µm)	20.2	22.6	23.2	20.9	22.2	20.6
% Fibers < 15 µm	2.3	2.1	1.6	6.9	0.9	2.8
Prickle Factor (% > 30µm)	2.8	10.5	11.9	5.3	9.0	4.0
Comfort Factor (% ≤ 30µm)	97.2	89.5	88.1	94.7	91.0	96
Mean Staple Length (mm)	0	143	137	180	156	208
Course Edge Micron (µm)	7.9	10.0	10.3	8.9	10.3	8.3
Minimum Diameter (µm)	19.2	20.9	21.5	19.0	21.0	18.5
Maximum Diameter (µm)	23.4	25.0	25.5	23.4	25.0	22.9
Mean Curvature (deg/mm)	18.2	15.7	15.5	16.4	16.9	16.8
SD Curvature (deg/mm)	23.5	15.2	14.8	16.7	15.0	16.1

PERCENTILE RANK vs ALL 1-2 YEAR OLD ANIMALS



This data should be used for reference only. The tests were performed on the OFDA2000 using standard testing protocols.

IAA || 6 Clermont Lane St. Louis Mo || 1.314.306.4168 || d.king@intlalpaca.com