INTERNATIONAL ALPACA ANALYTICS

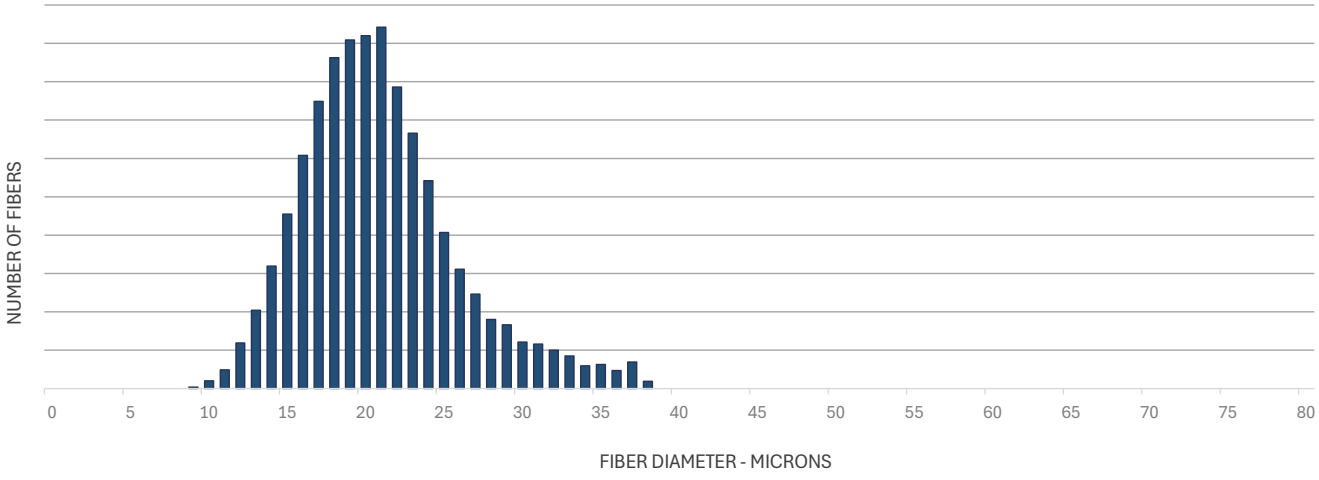
Alpacas of Tualatin Valley
22750 SW Rosedale Road
Beaverton, OR

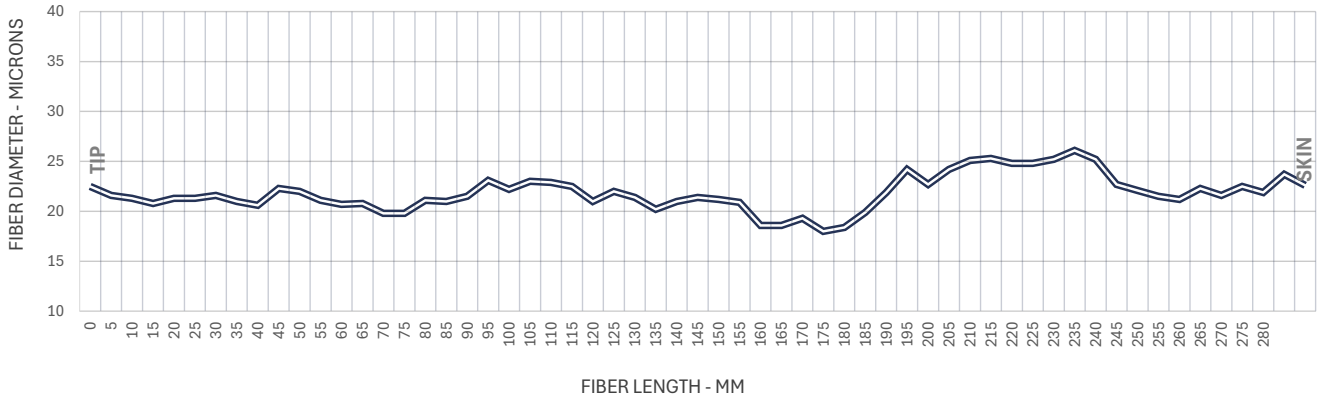
Date: 09.14.24
Farm ID: 06031

Bella Noir of ATV

Registry #	36024643	Gender	Female	Date of Birth	05.26.21
Breed	Suri	Color	500 - Black	Last Shear Date	
Sire	Black Bijou of ATV	Sample Location	Mid-Side	Sample Date	05.06.24
Dam	Paint Me Black of MATV	Trim High	On	Age at Sample	2y 11m (36m)

Mean Fiber Diameter (MFD)	**20.9** microns	Mean Staple Length	**300** mm
Standard Deviation (SD)	**5.0** microns	Finest point from Tip	**0** mm
Coefficient of Variation (COV)	**23.8** %	Maximum Diameter	**24.3** microns
Spinning Fineness (SF)	**20.9** microns	Minimum Diameter	**19.1** microns
Course Edge Micron (CEM)	**10.4** microns	Mean Curvature	**17.2** deg/mm
% Fibers < 15 µm	**7.0** %	SD Curvature	**22.6** deg/mm
% Fibers > 30 µm (Prickle)	**5.5** %	# of Fibers Evaluated	**10,144**
Comfort Factor (% <= 30µm)	**94.5** %	Growth rate per day	mm





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

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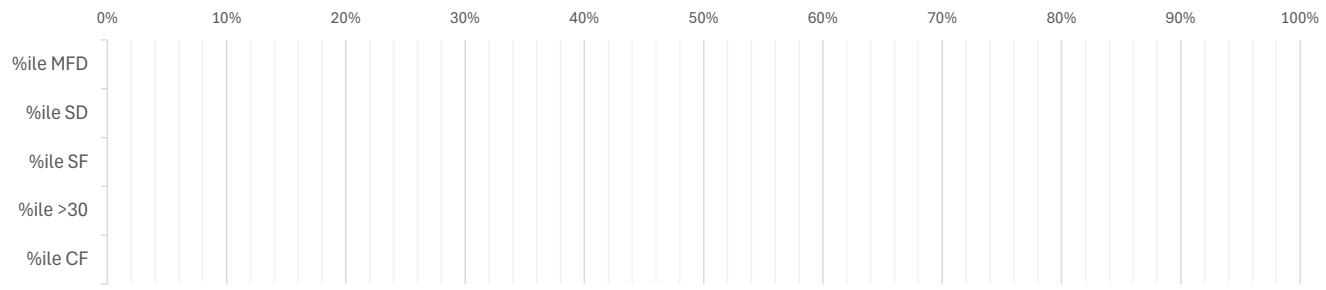
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COMPARABLE DATA

	Bella Noir of ATV	Suri	Suri Female	Suri 2-3 Age Range	Suri Black Color Group	Suri BL-2 Color:Age
Number of Comparable Studies		5,365	3,339	753	590	77
Mean Fiber Diameter (µm)	**20.9**	23.7	24.3	20.2	21.4	21.9
Standard Deviation (µm)	**5.0**	5.4	5.5	4.2	4.5	4.5
Coefficient of Variation (%)	**23.8**	22.9	21.1	20.8	21.1	20.6
Spinning Fineness (µm)	**20.9**	23.6	24.1	19.6	20.8	21.2
% Fibers < 15 µm	**7.0**					
% Fibers > 30 µm (Prickle)	**5.5**	14.5	15.9	3.4	6.2	6.4
Comfort Factor (% <= 30µm)	**94.5**	85.5	84.1	96.6	93.8	93.6
Mean Staple Length (mm)	**300**	147	142	100	93	95
Course Edge Micron (µm)	**10.4**	9.7	9.9	8.3	10.3	8.1
Minimum Diameter (µm)	**19.1**	20.9	21.4	19.5	20.7	21.0
Maximum Diameter (µm)	**24.3**	25.0	22.5	22.4	24.2	24.9
Mean Curvature (deg/mm)	**17.2**	15.2	46.3	48.3	37.7	39.2
SD Curvature (deg/mm)	**22.6**	14.4	24.0	24.3	21.3	21.8

Percentile Rank vs All 2-3 Year Old



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