

INTERNATIONAL ALPACA ANALYTICS

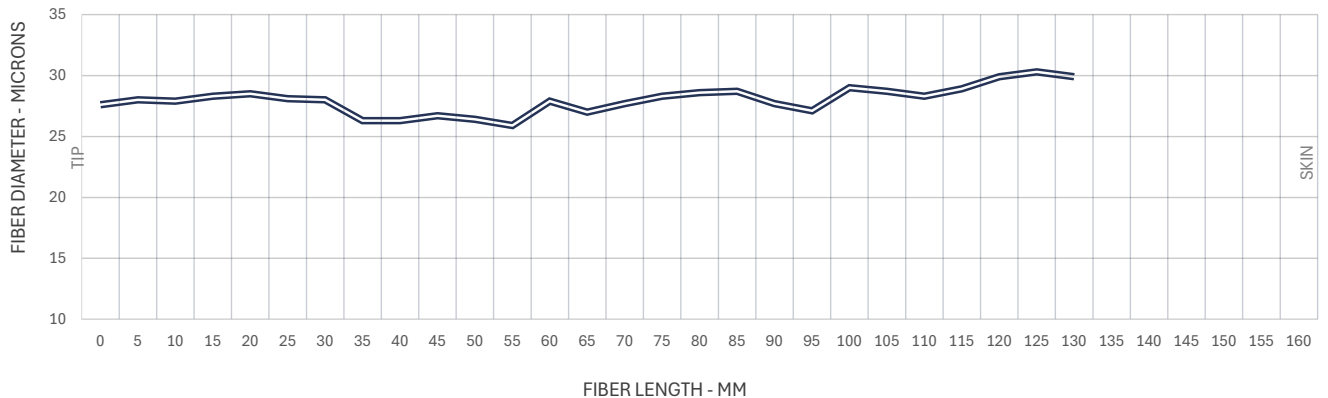
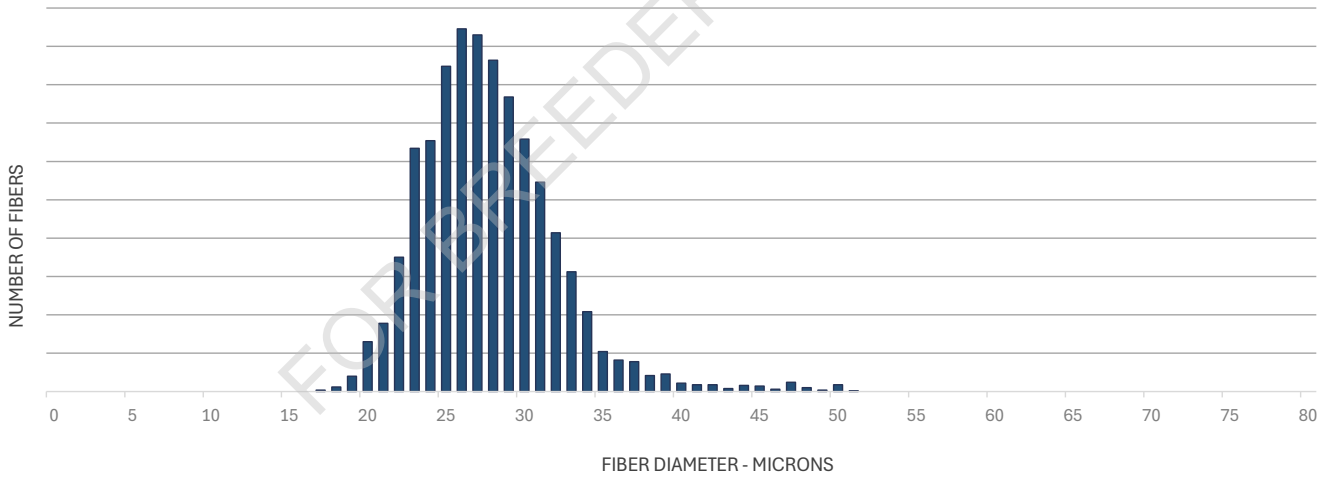
Hasselbring's Harmony Ranch
 29049 Davis Rd
 Concordia MO

Date: 06.29.24
 Farm ID: 08099

Andretti's Sorbetto of Harmony

| | | | | | |
|------------|----------|-----------------|-------------|-----------------|--------------|
| Registry # | 35426073 | Color | 100 - White | Date of Birth | 06.04.21 |
| Breed | Suri | Sample Location | Mid-side | Last Shear Date | |
| Gender | Female | Trim High | On | Sample Date | 05.15.24 |
| | | | | Age at Sample | 2y 11m (35m) |

| | | | |
|--------------------------------|---------------------|-----------------------|---------------------|
| Mean Fiber Diameter (MFD) | 27.8 microns | Mean Staple Length | 135 mm |
| Standard Deviation (SD) | 4.4 microns | Finest point from Tip | 55.0 mm |
| Coefficient of Variation (COV) | 15.9 % | Maximum Diameter | 30.3 microns |
| Spinning Fineness (SF) | 25.9 microns | Minimum Diameter | 25.9 microns |
| Course Edge Micron (CEM) | 7.8 microns | Mean Curvature | 12.8 deg/mm |
| % Fibers < 15 µm | 0.0 % | SD Curvature | 17.5 deg/mm |
| Prickle Factor (fibers > 30µm) | 22.1 % | # of Fibers Evaluated | 4,504 |
| Comfort Factor (% <= 30µm) | 77.9 % | | |



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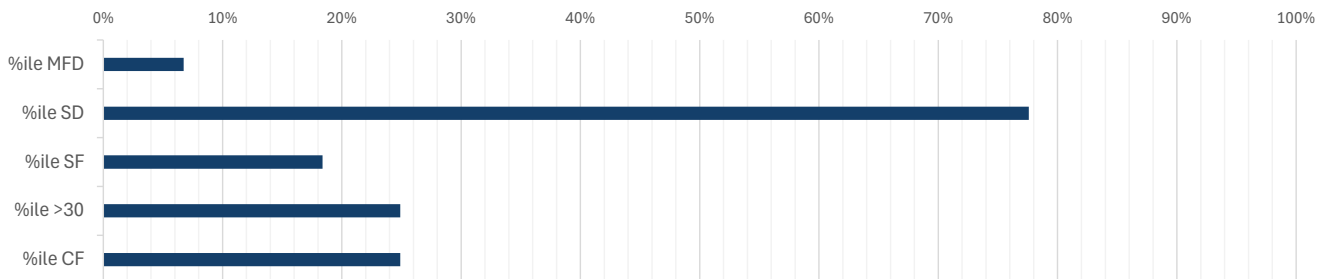
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COMPARABLE DATA

| | Sorbetto | Suri | Suri Male | Suri 2-3 Age Range | Suri White Color Group | Suri WH-2 Color:Age |
|-------------------------------------|-------------|-------|-----------|--------------------|------------------------|---------------------|
| <i>Number of Comparable Studies</i> | | 3,203 | 1,263 | 446 | 1,039 | 160 |
| Mean Fiber Diameter (µm) | 27.8 | 22.7 | 21.8 | 22.9 | 22.6 | 22.9 |
| Standard Deviation (µm) | 4.4 | 5.1 | 4.9 | 5.1 | 5.0 | 4.9 |
| Coefficient of Variation (%) | 15.9 | 22.7 | 22.7 | 22.2 | 22.1 | 21.6 |
| Spinning Fineness (µm) | 25.9 | 22.6 | 21.8 | 22.8 | 22.5 | 22.7 |
| % Fibers < 15 µm | 0.0 | 2.1 | 3.2 | 1.5 | 2.0 | 1.5 |
| Prickle Factor (% > 30µm) | 22.1 | 10.5 | 8.3 | 10.1 | 9.6 | 9.4 |
| Comfort Factor (% ≤ 30µm) | 77.9 | 89.5 | 91.7 | 89.9 | 90.4 | 91 |
| Mean Staple Length (mm) | 135 | 143 | 152 | 151 | 148 | 153 |
| Course Edge Micron (µm) | 7.8 | 10.0 | 9.7 | 9.2 | 9.8 | 8.5 |
| Minimum Diameter (µm) | 25.9 | 20.9 | 20.2 | 21.3 | 21.7 | 22.0 |
| Maximum Diameter (µm) | 30.3 | 25.0 | 24.3 | 24.9 | 25.4 | 25.2 |
| Mean Curvature (deg/mm) | 12.8 | 15.7 | 16.0 | 14.7 | 15.9 | 14.7 |
| SD Curvature (deg/mm) | 17.5 | 15.2 | 15.9 | 14.4 | 14.8 | 13.9 |

PERCENTILE RANK vs ALL 2-3 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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