

INTERNATIONAL ALPACA ANALYTICS

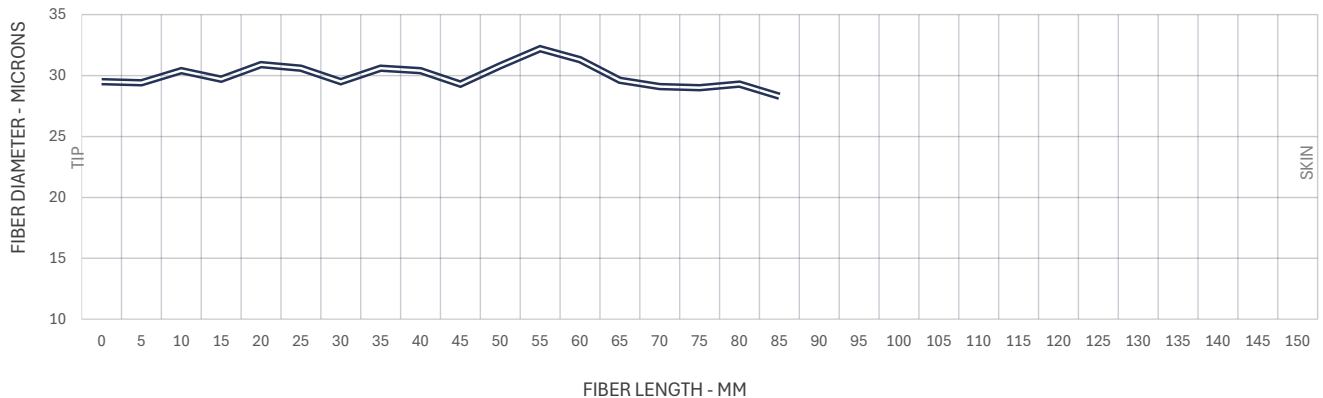
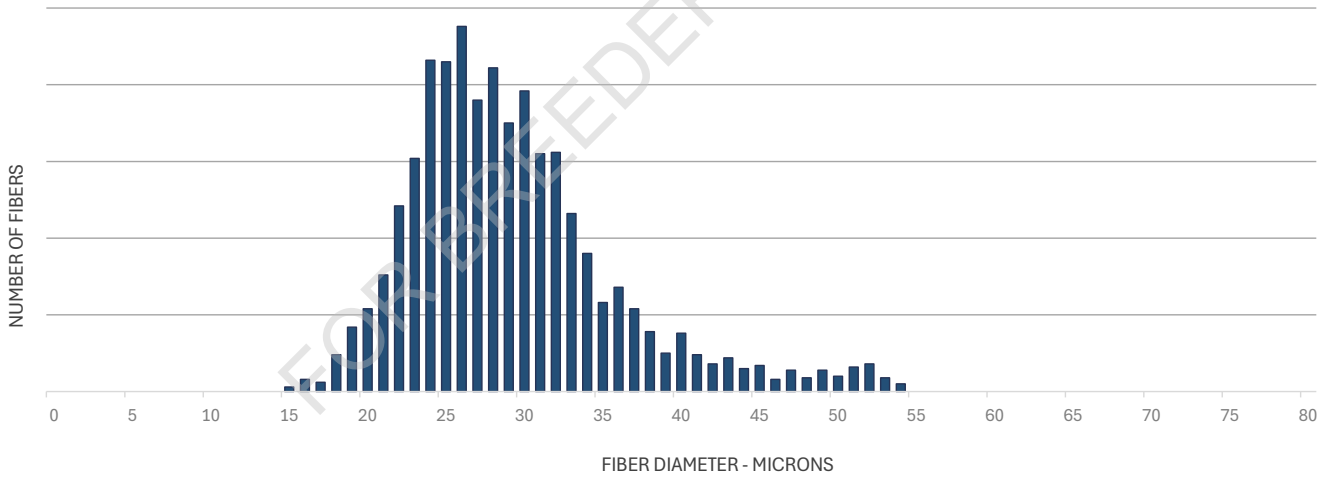
Hasselbring's Harmony Ranch
 29049 Davis Rd
 Concordia MO

Date: 06.29.24
 Farm ID: 08099

Lady Diamond

| | | | | | |
|------------|---------|-----------------|-------------------|-----------------|---------------|
| Registry # | 1123517 | Color | 204 - Medium Fawn | Date of Birth | 10.28.02 |
| Breed | Suri | Sample Location | Mid-side | Last Shear Date | |
| Gender | Female | Trim High | On | Sample Date | 05.15.24 |
| | | | | Age at Sample | 21y 6m (259m) |

| | | | |
|--------------------------------|---------------------|-----------------------|---------------------|
| Mean Fiber Diameter (MFD) | 29.2 microns | Mean Staple Length | 90 mm |
| Standard Deviation (SD) | 6.7 microns | Finest point from Tip | 85.0 mm |
| Coefficient of Variation (COV) | 23.0 % | Maximum Diameter | 32.2 microns |
| Spinning Fineness (SF) | 28.9 microns | Minimum Diameter | 28.3 microns |
| Course Edge Micron (CEM) | 14.3 microns | Mean Curvature | 10.0 deg/mm |
| % Fibers < 15 µm | 0.0 % | SD Curvature | 10.5 deg/mm |
| Prickle Factor (fibers > 30µm) | 34.1 % | # of Fibers Evaluated | 2,925 |
| Comfort Factor (% <= 30µm) | 65.9 % | | |



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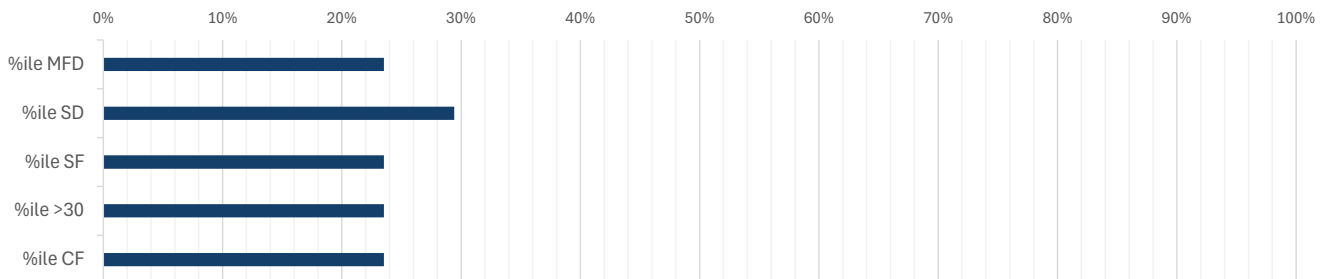
Lady Diamond

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|------------|---------|-----------------|-------------------|-----------------|---------------|
| Registry # | 1123517 | Color | 204 - Medium Fawn | Date of Birth | 10.28.02 |
| Breed | Suri | Sample Location | Mid-side | Last Shear Date | |
| Gender | Female | Trim High | Off | Sample Date | 05.15.24 |
| | | | | Age at Sample | 21y 6m (259m) |

COMPARABLE DATA

| | Lady Di | Suri | Suri Female | Suri >=15 Age Range | Suri Fawn Color Group | Suri FA->15 Color:Age |
|-------------------------------------|-------------|-------|----------------|---------------------------|-----------------------------|-----------------------------|
| <i>Number of Comparable Studies</i> | | 3,203 | 1,936 | 18 | 896 | 7 |
| Mean Fiber Diameter (µm) | 29.2 | 22.7 | 23.3 | 25.9 | 22.5 | 27.5 |
| Standard Deviation (µm) | 6.7 | 5.1 | 5.3 | 5.9 | 5.1 | 6.9 |
| Coefficient of Variation (%) | 23.0 | 22.7 | 21.1 | 22.9 | 22.9 | 25.1 |
| Spinning Fineness (µm) | 28.9 | 22.6 | 23.2 | 25.9 | 22.4 | 28.0 |
| % Fibers < 15 µm | 0.0 | 2.1 | 1.6 | 0.3 | 2.8 | 0.2 |
| Prickle Factor (% > 30µm) | 34.1 | 10.5 | 11.9 | 21.4 | 10.1 | 26.3 |
| Comfort Factor (% <= 30µm) | 65.9 | 89.5 | 88.1 | 78.6 | 89.9 | 74 |
| Mean Staple Length (mm) | 90 | 143 | 137 | 102 | 139 | 88 |
| Course Edge Micron (µm) | 14.3 | 10.0 | 10.3 | 11.9 | 10.2 | 15.0 |
| Minimum Diameter (µm) | 28.3 | 20.9 | 21.5 | 25.7 | 20.7 | 27.7 |
| Maximum Diameter (µm) | 32.2 | 25.0 | 25.5 | 29.1 | 24.8 | 31.1 |
| Mean Curvature (deg/mm) | 10.0 | 15.7 | 15.5 | 17.1 | 15.9 | 16.5 |
| SD Curvature (deg/mm) | 10.5 | 15.2 | 14.8 | 15.9 | 15.2 | 16.0 |

PERCENTILE RANK vs ALL >=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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