

Alpaca Fiber Testing USA

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SKIN BIOPSY TEST REPORT

Owner name: Christopher Powers

Alpaca name: Hadassah

Fleece type, color and age at testing: Huacaya, White, 78 months

Date of test: 6 February 2009

Follicle density: 44.08 /mm²

Mean Fiber Diameter: 21.54 micron **Standard Deviation:** 4.39 micron

Co-efficient of Variation – Fiber Diameter (CVFD): 20 %

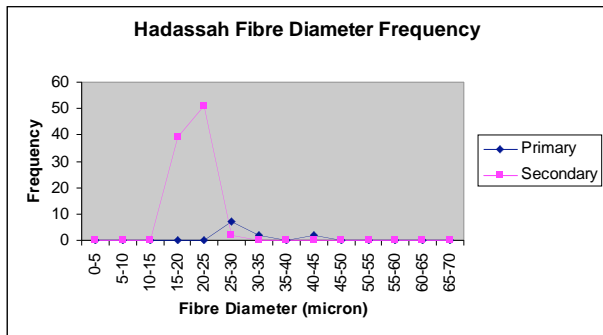
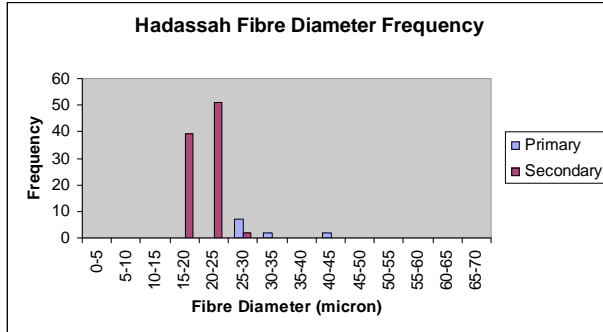
Secondary:Primary ratio (S:P): 12.1 : 1

Mean Fiber Diameter Primaries (Dp): 30.95 micron **Standard Deviation:** 6.00 μ

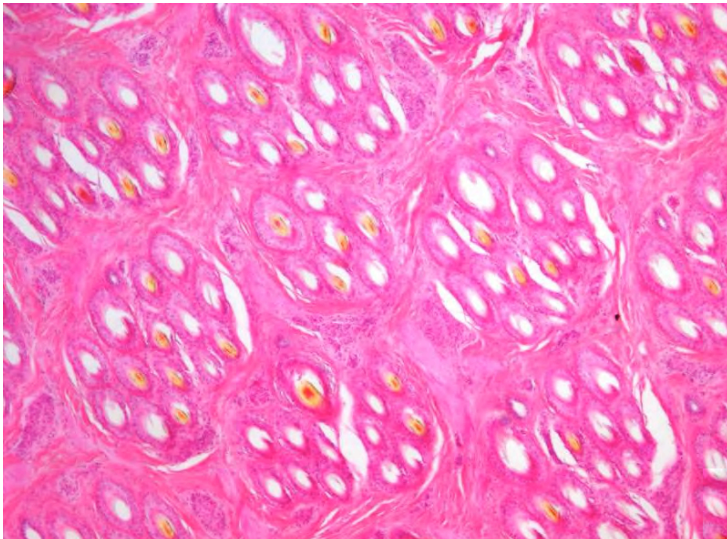
Mean Fiber Diameter Secondaries (Ds): 20.42 micron **Standard deviation:** 2.37 μ

Dp:Ds ratio: 1.52

Fiber Diameter Frequency Histogram:



Micrograph of skin section:



Comments:

This is a high performance female in today's national herd with excellent density, a sire-quality S:P ratio, a 10 micron fiber population differential with an outstanding secondary fiber diameter and SD.

The challenge will be to find a male that will compliment these positive traits – with an outstanding cria as a distinct possibility.

Ian Watt