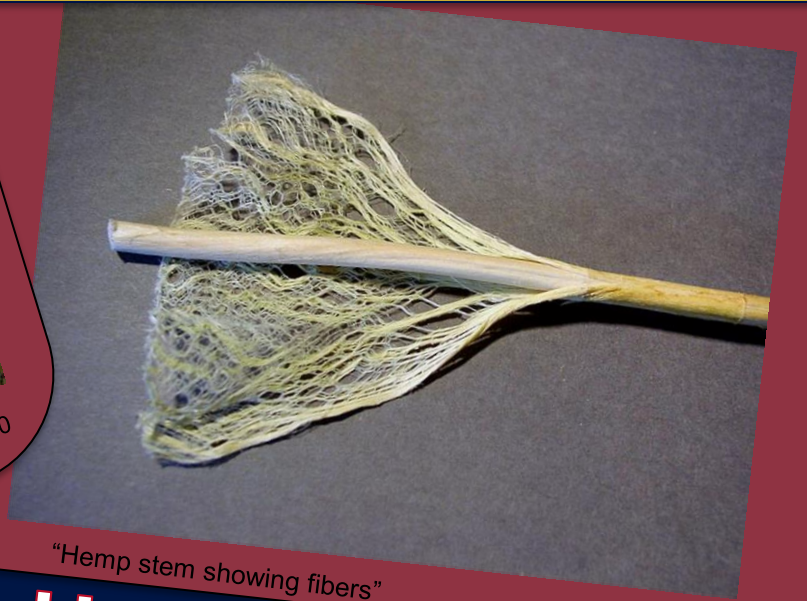


ALPACAS FROM EIGHTH AND MUD



"Hemp maze (industrial hemp) at the 'Späth'schen Baumschulen' (tree/plant nursery), Berlin, Germany, 2009" under a CC Attribution 2.0 Generic license



"Hemp stem showing fibers"

Hemp (industrial)

Industrial hemp is the non-psychoactive plant variety of the *Cannabis sativa L.* species used in various industries in addition to textiles. The bast fiber of the stalk is harvested for textile use.

- ✓ **Wear & Tear:**
 - Very strong fibers, comparable to strength of steel, and has very little stretch to hold its shape
- ✓ **Biodegradability:**
 - No chemicals used in the manufacturing process, so hemp fibers can be composted in natural environments
- ✓ **Ability to build dye:**
 - Course and porous fiber accept dye and retains colour
- ✓ **Bacteria:**
 - No information on anti-bacterial properties
- ✓ **Temperature Control/Insolation:**
 - Porous nature of fiber allows for superior moisture absorbency and breathability
- ✓ **Softness:**
 - Rougher fibers result in fabrics that are preferably worn against skin, but becomes softer with extended wear
- ✓ **Renewability:**
 - Hemp plants are durable and reach maturity within 4 months while grown with a small ecological footprint

