

fibre to fabric

16 June 2021
16:36

1. Cotton
2. **Wool**
3. **Silk**
4. Nylon and other polymers

Cotton



cotton fields

Cotton spinning

<https://www.youtube.com/watch?v=AllnvCKNRSw>

Cotton Weaving

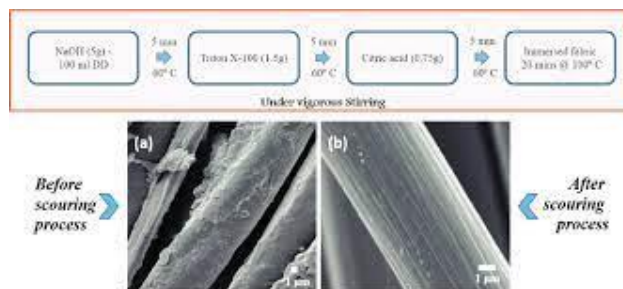
<https://youtu.be/gFFxHmTqqyo>

<https://youtu.be/9OHbJQ90hfy>

SCOURING :

scouring of wool , cotton and silk (text) :

<https://advancetextile86.blogspot.com/2020/08/what-is-scouring-process-cotton-wool-silk.html>



WOOL

Sheep:



Sheep:



Figure 3. A Navajo-Churro ram (photo by Jean, flickr).



Figure 1. A Merino ram (photo by Cgoodwin, Wikimedia Commons).



Figure 12. Corriedale sheep (photo by Bob Nichols, USDA–NRCS).



Figure 15. A South African Meat Merino (SAMM) ram (NMSU photo)



alpaca

Alpaca



angora goat , turkey



The Changthangi or Chagra is a breed of cashmere goat native to the high plateaux of Ladakh in India. The cold temperatures in the region are the primary factor in the growth of the fine pashmina grade of cashmere wool for which they are reared.

Wool Processing:

<https://youtu.be/9UqhGIQaXwY>

Wool Weaving :

<https://youtu.be/ngLoJxssEao>

SILK:





Silkworm



Mulberry tree

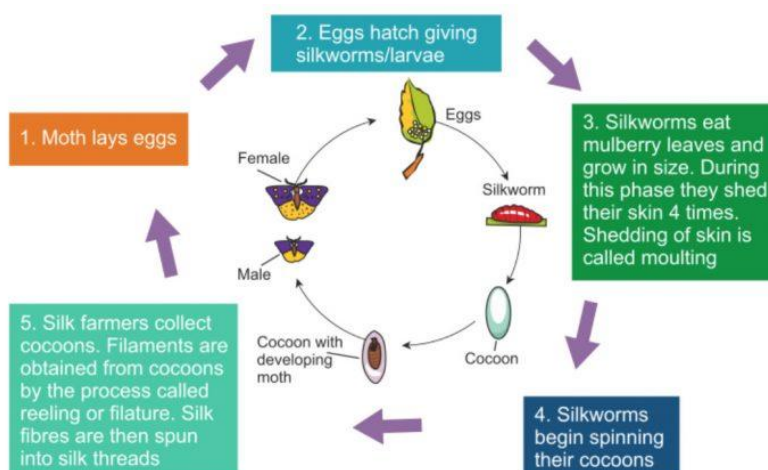


cocoon

The cocoon of a silkworm is made of one thread of raw silk from 300 to 900 meters (1000 to 3000 feet) long. About 2,000 to 5,000 cocoons are needed to make a pound of silk.

Pasted from <<https://www.youtube.com/watch?v=sqKbggFpwbo>>

Silk worm cycle



Silk Processing and weaving :
<https://youtu.be/s4T-x0ObDqE>

Nylon:



nylon synthesis:

<https://youtu.be/NQpTQFGKRN8>