



CRC

for

Premium

Quality

Wool

# Overview of Potential Determinants of Staple Strength

Produced for the CRC for Premium Quality Wool undergraduate program by;  
Dr. Brad Crook, The University of New England.



# Staple Strength

**Variations in load-bearing material in staple**

**Inherent strength of constituent fibres**

**Localised weakness**

**Most/all of fibre length**

**Physical changes**

**?**

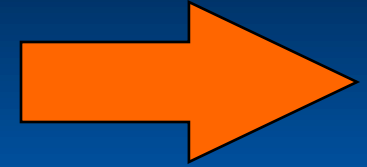
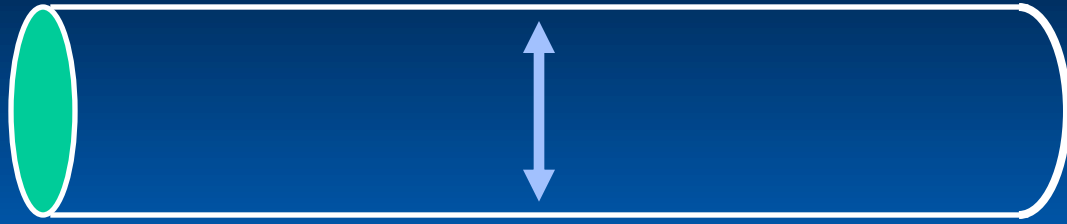
**Structural changes**

**Fibre length variation**

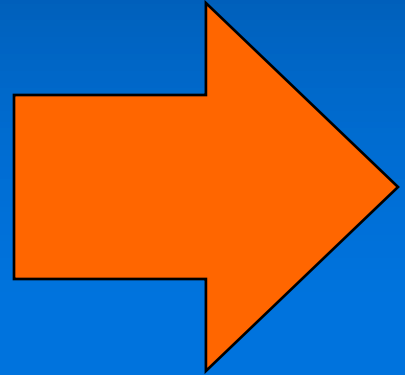
CRC  
for  
Premium  
Quality  
Wool



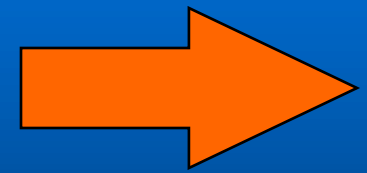
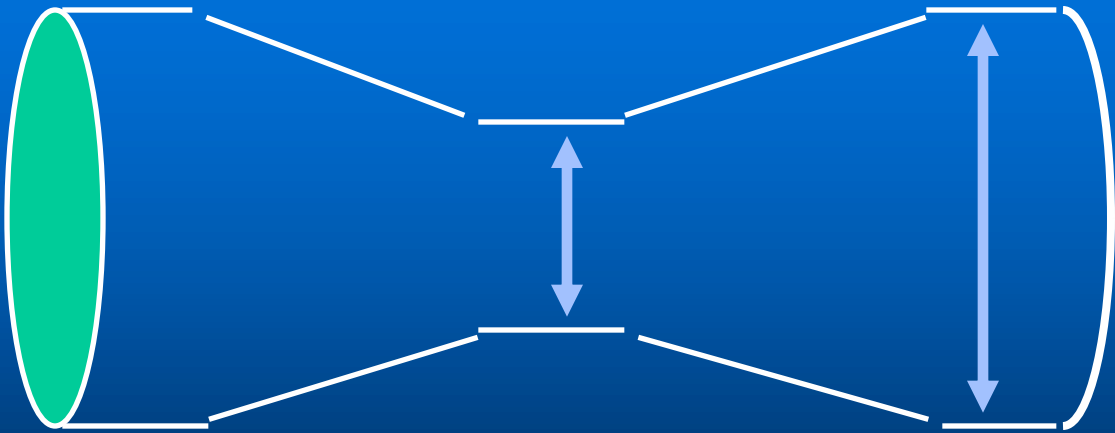
1



2



3



CRC  
for  
Premium  
Quality  
Wool