

Assessed and Measured Wool Colour

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



Assessed Greasy Wool Colour (AWEX colour codes)

1500			
CRC	Code	Description	% Aust. bales 1992/93 - 1994/95
for Premium	H ¹	light unscourable	9.9
Quality	H ²	medium unscourable	1.1
Wool	H ³	heavy unscourable	0.05
	N	water (bacterial) stain	n.a.
1922 m			

Brad Crook Source: Wool International

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% discounts for colour fault in Merino fleece wool, relative to no colour fault

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 H^1

H²

 H^3

N

Fine 18.6 - 20.5µm	Medium 20.6 - 22.5μm	Broad 22.6 - 24.5μn
1 - 5%	1 - 4%	1 - 2%
4 - 11%	3 - 8%	2 - 5%
7 - 15%	8 - 11%	6 - 15%
n.a.	3 - 6%	n.a.

1993/94 - 1996/97

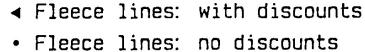


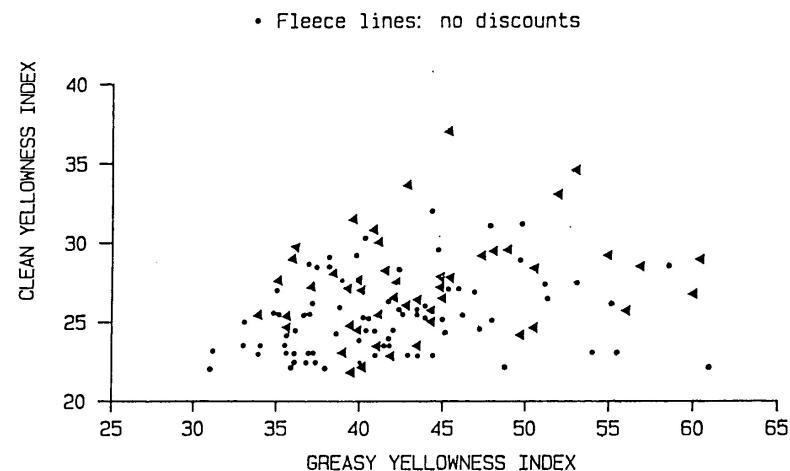
Measured Wool Colour

- two components:
 - brightness (reflectance)
 - Y value: as Y 1, brightness 1
 - yellowness (colour)
 - Y- Z value: as Y- Z 1, yellowness 1
- usually measured as clean colour (i.e. after scouring)
- greasy colour may or may not be scourable

CRC for Premium

Greasy vs Clean Colour





Quality

Wool