

CRC

Premium

for

Quality

Wool

Using Skin Type as a Selection Criterion: Classing Outcomes

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

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R RESARCT OF	A comparison of skin types in breeding ewes in a commercial flock (n=150) and a stud flock (n=70)							
3		Commercial ¹			Stud ²			
CRC		SRS	ΗТ	F	SRS	F		
for	Density (per mm ²)	86.1 ^a	84.4 ^a	74.1 ^a	83.6 ^a	73.2 ^a		
2 miles	S:P	23.7 ^a	25.6 ^a	17.9 ^b	39.4 ^a	26.6 ^b		
Premium	DpDs	1.09 ^a	1.22 ^b	1.20 ^b	1.08 ^a	1.08 ^a		
Quality	CVFD (%):							
Wool	Primary		16.8 ^b	14.0 ^a				
200	Secondary	18.2 ^a	24.3 ^b	21.6 ^b				

1. Commercial flock- Collinsville b'line in far western NSW (unclassed)

2. Stud flock - mainly Collinsville b'line, west. Victoria (classed)

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Brad Crook Source: Brown (1995)



27		С	ommerci	St	Stud ²		
с		SRS	HT	F	SRS	F	
r	CFW (kg)	3.1 ^a	2.9 ^b	2.7 ^c	6.6 ^a	5.7 ^b	
ium	Yield (%)	68.2 ^a	68.2 ^a	67.2 ^a	72.7 ^a	72.6 ^a	
lity	FD (µm)	18.4 ^a	19.5 ^b	19.3 ^b	20.4 ^a	21.8 ^b	
ol	CVFD(%)	26.4 ^a	28.6 ^b	27.5 ^{ab}	19.8 ^a	19.8 ^a	

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827		Commercial ¹				ud ²	
CRC		SRS	ΗТ	F	SRS	F	
for	SL (mm)	75.0 ^ª	71.0 ^b	75.6 [°]	73.3 ^a	70.3 ^b	_
	SS (N/ktex)	20.3 ^ª	18.4 ^b	18.3 ^b	48.3 ^ª	51.0 ^ª	
remium	Crimps per cm	3.1 ^ª	3.0 ^ª	3.1 ^ª	3.8 ^a	3.8 ^ª	
Quality	Tip weather. (mm)	9.1 ^ª	8.8 ^ª	10.3 ^b	5.0 ^a	5.1 ^ª	
Wool	Dust penetrat. (%)	17.1 ^ª	16.8 ^ª	18.0 ^ª	17.4 ^ª	18.6 ^b	
200	1. Commercial flock- Collinsville b'line in far western NSW (unclassed)						_

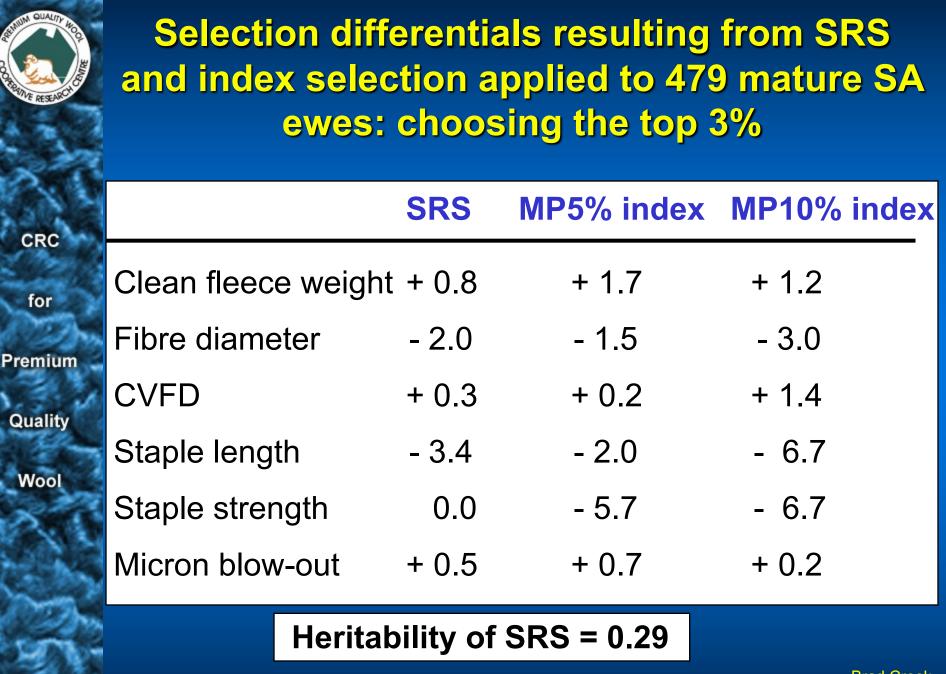
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