



CRC

for

Premium

Quality

Wool

Vegetable Matter Contamination

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



AWEX-ID

VM type	Common types	Problem	
		Contam.	Harmful

<u>Burr</u>	Medicago spp (eg. <i>Burr Medic</i>) Sub Clover (<i>Trifolium subterr.</i>)	Y	N
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<u>Seed</u> & <u>Shive</u>	Wire Grass (<i>Aristida spp</i>) Spear Grass (<i>Stipa spp</i>) Storksbill (<i>Erodium spp</i>) Barley Grass (<i>Hordeum leporinum</i>)	Y	Y
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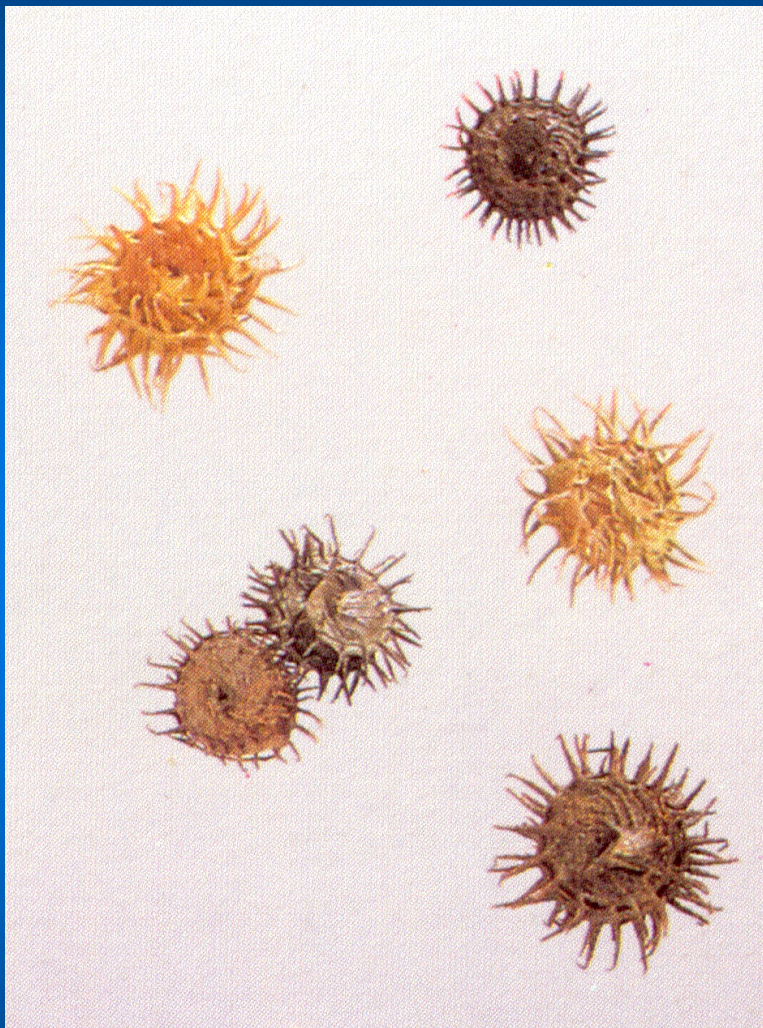
Bathurst * Burr (<u>I</u>)	<i>Xanthium spinosum</i>	Y	N
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<u>Noogoora</u> * Burr	<i>Xanthium chinense</i>	Y	N
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* referred to collectively as Hard Heads



Burr Medic



Sub-clover



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Spear Grass



Barley Grass



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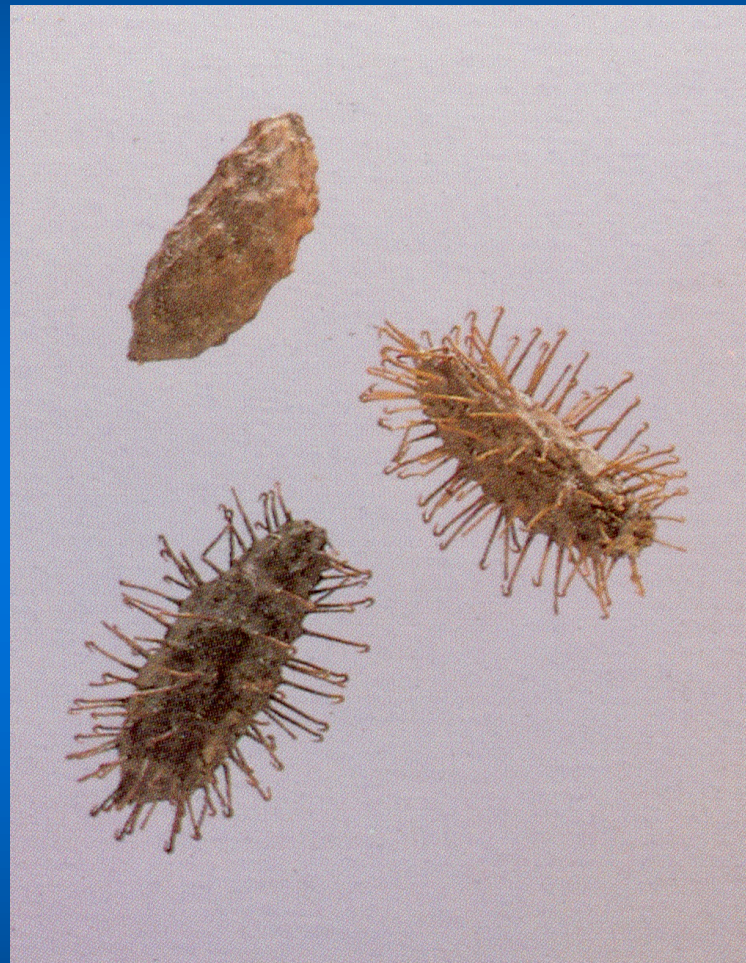
Wool



Noogoora Burr



Bathurst Burr



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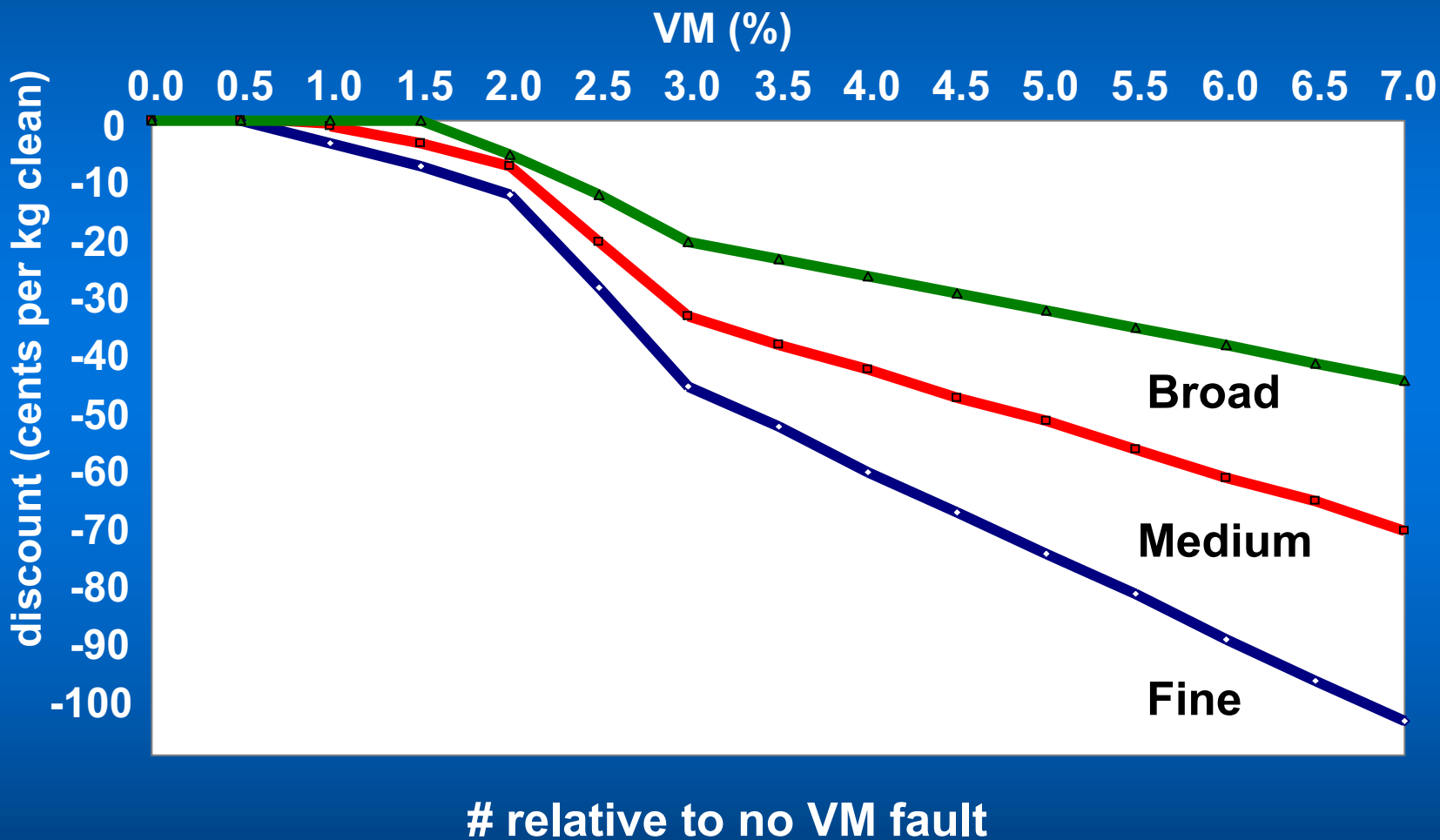
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Measured vegetable matter discounts#: 1st quarter, 1997-98



Brad Crook

Source: IWS Pricemaker Quarterly



% of combing wool bales in each VM% group: 1994 - 95

	VM amount			
	< 1%	1-3%	3-7%	>7%
NSW	38	39	16	7
Qld	32	47	14	7
SA	42	41	12	5
WA	57	32	10	1
Vic	68	23	6	3
Tas	82	16	2	0
Aust.	52	33	11	4

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Location effect on VM% and VM type: NSW 1975

		VM %	Burr %	Seed %	HHds %
1	NW slopes & plains	2.26 ^a	1.07 ^a	1.04 ^a	0.15 ^{bc}
	CW slopes & plains	2.31 ^a	1.16 ^a	1.03 ^a	0.12 ^{bd}
	Western Division	1.54 ^b	0.31 ^b	1.09 ^a	0.14 ^{bd}
	Riverina	1.13 ^{cd}	0.19 ^b	0.25 ^d	0.69 ^a
2	Nth Tablelands	1.32 ^{bc}	0.22 ^b	1.06 ^a	0.04 ^d
	C Tablelands	1.21 ^c	0.31 ^b	0.83 ^b	0.07 ^{bd}
	Sth T'lands & slopes	0.88 ^d	0.13 ^b	0.60 ^c	0.15 ^{bd}

1 - mainly medium and broad wool types
2 - mainly fine wool types