



CRC

for

Premium

Quality

Wool

Lysine and Wool Follicles

Produced for the CRC for Premium Quality Wool undergraduate program by;
Prof Phil Hynd, The University of Adelaide.



Effects of zein on fibre growth, CDR and cortical cell size

	Pre-zein	Zein	
Fibre length ($\mu\text{m}/\text{d}$)	312	346	*
Fibre diameter (μm)	19.7	14.2	*
Mitotic rate (/bulb/h)	20	8	*

Cortical cell

Length (μm)	102	108	*
Diameter (μm)	4.9	4.5	
Volume (μm^3)	643	574	

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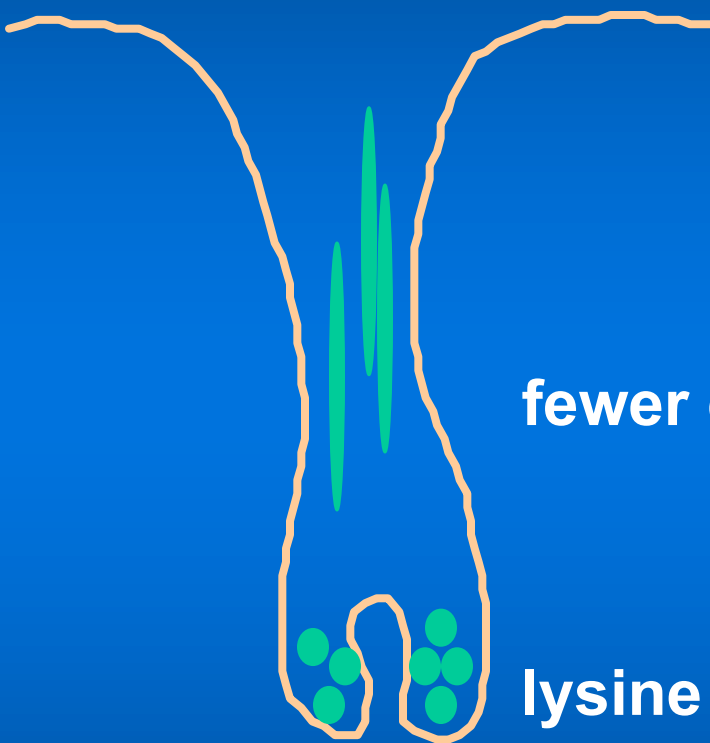
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Effect of lysine-deficient protein on wool growth



longer cells



fewer cells get more cysteine each



lysin required for cell division

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