



CRC

for

Premium

Quality

Wool

Estimating Cell Division Rate

Produced for the CRC for Premium Quality Wool undergraduate program by;
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Methods of estimation

- Endogenous cell characteristics
 - PCNA/histones/condensed chromosomes
- Nucleoside labelling
 - BrdU / 3H-thymidine
- Stathmokinetic
 - Colchicine/colcemid/vineblastine

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Cell birth rate (CBR) estimated by colchicine and BrdU at 2 levels of nutrition (low and high) at 2 stages during the feeding.

	CBR - BrdU	CBR - colchicine
Low - 28 days	0.7	0.52
Low - 45 days	1.43	0.73
High - 28 days	2.35	0.96
High - 45 days	3.36	1.40

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