

Evaluation of Different Cocoon Stifling Methods on Raw Silk Quality

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Abstract:

The effects of three silk cocoon-stifling processes on the reeling performance and quality of raw silk of the silkworm *Bombyx mori* were studied. Sun drying killed the pupae but showed inferior reeling performance and raw silk quality compared with hot water stifling and oven drying. Cocoons dried using hot water stifling and the oven had improved reelability and raw silk percentage. Raw silk elongation was highest in hot water stifled cocoons, whereas neatness and cleanliness was high in cocoons dried using hot water stifling and oven. All treatments were significantly different

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