J-STAGE

My J-STAGE Sign in

The Journal of Silk Science and Technology of Japan
The Japanese Society of Silk Science and Technology

Available Volumes | Japanese >> Publisher Site

Author: Keyword: Search ADVANCED

Add to Favorite / Citation Articles Alerts | Add to Favorite Publications | Register Alerts | My J-STAGE HELP

TOP > Available Volumes > Table of Contents > Abstract

ONLINE ISSN : 1881-1698
PRINT ISSN : 1880-8204

The Journal of Silk Science and Technology of Japan
Vol. 15 (2006) 37-42

[PDF (411K)] [References]

Studies on reeling performance and quality characteristics of raw silk reeled from multibivoltine crossbreed and bivoltine hybrid cocoons

G. Hariraj[1)] and T.H. Somashekar[1)]

1) Central Silk Technological Research Institute, Central Silk Board

(Accepted August 21, 2006)

Abstract

The two varieties of cocoons viz., multi-bivoltine crossbreed cocoons (PM × NB4D2 race) and bivoltine hybrid cocoons (CSR2 × CSR4 race) reared during the sarne season were studied for the reeling performance and quality characteristics. The results indicate that the cocoon races have significant influence on the cocoon characteristics viz. Cocoon weight, shell weight, shell ratio percentage, average filament length, non-breakable filarnent length, single cocoon filament denier, on the reeling characteristics, viz. reelability, renditta, raw silk percentage, raw silk recovery percentage, waste generated during reeling and pelade weight and on quality characteristics, viz. neatness, cleanness, tenacity, elongation, cohesion, degumming loss characteristics of raw silk.

Keywords

Multibivoltine, Bivoltine, Cocoon, Reeling and Quality characteristics

[PDF (411K)] [References]

Download Meta of Article[Help]
RIS
BibTeX

To cite this article:

G. Hariraj and T.H. Somashekar (2006): Studies on reeling performance and quality characteristics of raw silk reeled from multibivoltine crossbreed and bivoltine hybrid cocoons . The Journal of Silk Science and Technology of Japan, 15, 37-42 .

JOI JST.JSTAGE/silk/15.37

Copyright (c) 2007 by The Japanese Society of Silk Science and Technology

Japan Science and Technology Information Aggregator, Electronic