

Bio-data of Dr. DAYANANDA, Scientist-C, SWBL



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Specialization: Silkworm Crop Improvement

Ph.D Thesis title: Studies on the performance and economic appraisal of new hybrids of the silkworm *Bombyx mori* L. through validation and demonstration.

Publications: 26

Books: 04

Top Ten publications:

1. **Dayananda** and Rama mohana Rao, P. (2007) Performance of new bivoltine double hybrids of the silkworm *Bombyx mori* under large scale in-house testing. *Uttar pradesh J. Zool.* **27(3)**: 337-341.
2. **Dayananda** and Kamble, C. K. (2008) Studies on the knowledge and adoption of integrated technology package and its impact on mulberry cultivation among sericulturists in Anekal division of Karnataka. *Indian J. Seric.*, 47(2):188-193.
3. **Dayananda** and Rama mohana Rao, P. (2009) In-house evaluation of new bivoltine hybrids of silkworm *Bombyx mori* under large scale testing. *Uttar pradesh J. Zool.* **29(1)**: 51-56.
4. **Dayananda**; Gopinath, O.K, and Kulkarni, S.B. (2010) Evaluation of improved polyvoltine x bivoltine hybrids of silkworm *Bombyx mori* under large scale in-house testing. *Uttar pradesh J. Zool.* 30**(3)**: 281-286.
5. **Dayananda** and Kumaresan, P. (2010) Impact of integrated sericultural technologies on cocoon productivity at farmer's level. *Journal of Agricultural Extension Management*, 11(1): 97-106.
6. **Dayananda**, S.B. Kulkarni, P. Rama Mohana Rao, O.K. Gopinath and S. Nirmal Kumar (2011) Evaluation and selection of superior bivoltine hybrids of the silkworm *Bombyx mori* for tropics through large scale in-house testing. *IJPAES*, 1**(3)**: 16-22.

7. **Dayananda** , Satish Kulkarni, Pala Rama Mohana Rao, Obalaiah Gopinath, and Sundara Murthy Nirmal Kumar (2011) Evaluation and Identification of Promising Bivoltine Double Hybrids of The Silkworm *Bombyx mori* L. for Tropics Through Large Scale In-House Testing. *Int. J. Indust. Entomol*, 23(2): 187-191
8. Rama Mohana Rao, P.; Qadri, S.M.H.; Nirmal Kumar, S.; Premalatha, V.; **Dayananda**. ; Radalakshmi, Y.C. and Shivakumar, K.P (2012). Identification of polyvoltine x bivoltine hybrids of the silkworm *Bombyx mori* L. with superior fiber quality: a breakthrough in silkworm breeding. *Indian J. of Seric.*, 51(2): 128-142
9. **Dayananda**, Rama Mohana Rao, P., Gopinath, O.K., Kulkarni, S.B. and Nirmal Kumar, S. (2011). Evaluation and identification of improved polyvoltine x bivoltine hybrids of the silkworm *Bombyx mori* (L) through large scale in-house testing. *Golden Jubilee National Conference on Sericulture Innovations: Before and Beyond*, 28th and 29th January, 2011, CSRTI, Mysore. pp: 121.
10. **Dayananda**, Rama Mohana Rao, P., Kulkarni, S.B. and Gopinath, O.K. (2011). An economic analysis of rearing promising new multivoltine x bivoltine hybrids of the silkworm *Bombyx mori* (L) under in-house large-scale evaluation. *Golden Jubilee National Conference on Sericulture Innovations: Before and Beyond*, 28th and 29th January, 2011, CSRTI, Mysore. Pp: 207-208.