

Hibernation schedule for preservation of bivoltine layings

Developed long term hibernation schedules for the preservation of bivoltine layings (110 – 300 days), which is helpful for the effective planning and management of egg production, supply of layings and also serve as a guide for obtaining hatching at different periods.

Advantages of Technology:

- ✓ Schedules are flexible and reliable.
- ✓ Single day hatching.
- ✓ Increases crop stability.
- ✓ Gives better results over old schedules.
- ✓ Intermediate care can be employed for long term preservation of seed.
- ✓ Acceptance of hibernated seed by farmers.
- ✓ Quite suitable for tropical sericulture

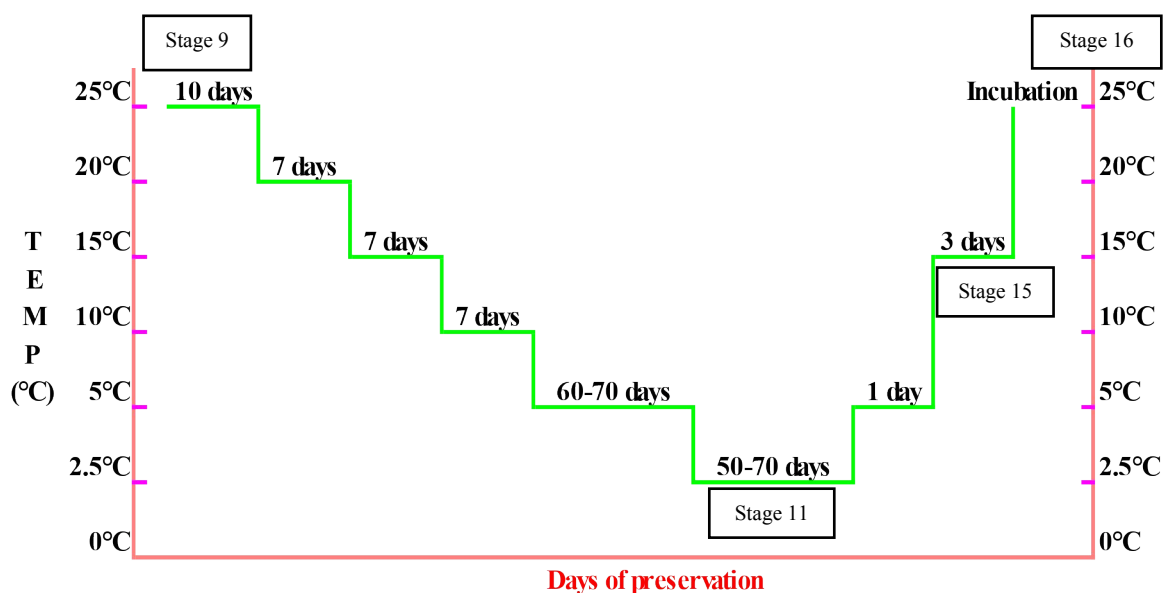


Fig: Hibernation schedule with 10 days aestivation for 151-171 days period

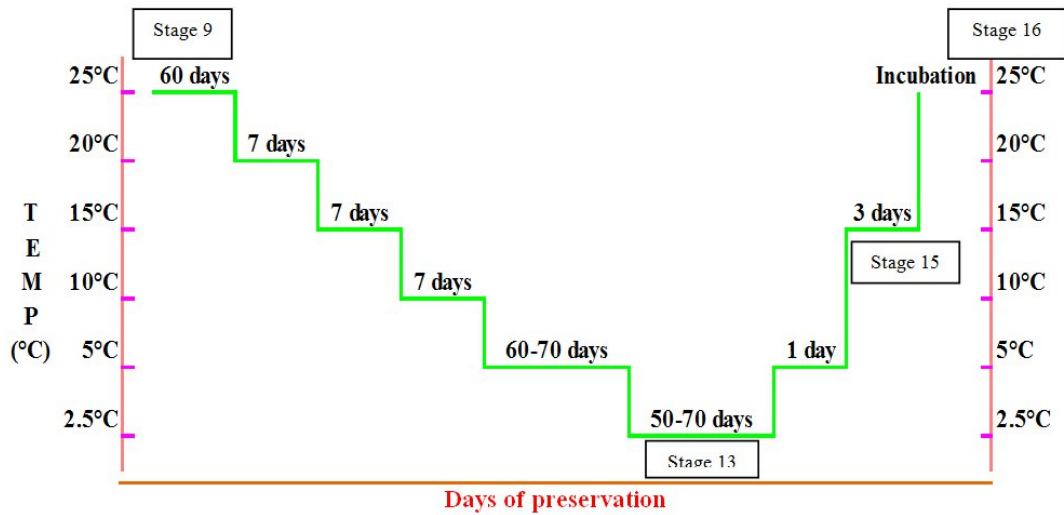


Fig : Hibernation schedule with 60 days aestivation for 191-221 days period

Impact : The flexible preservation schedules for bivalves developed by ISTR(SSTL), under the JICA are highly suitable for tropical conditions. The P1 seed received from southern states is preserved at ISTR(SSTL) Cold Storage (till now more than 58 lakh Dfls were preserved and presently 30,000 Dfls are under preservation). This helped a lot in achieving timely supply, the uniform hatching and crop stability in the seed areas.