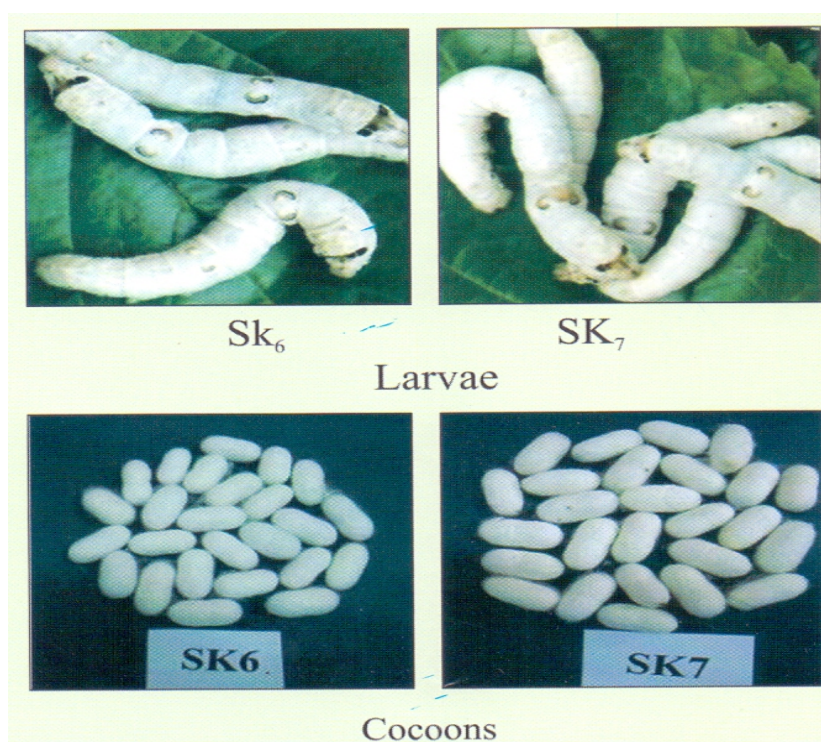


Egg preservation technology for SK6, SK7 bivoltine breeds

The long term preservation technology developed at ISTR(SSTL), Bangalore for 4, 6, 8 and 10 months egg preservation schedules following 10, 20, 40 and 60 days aestivation period for Bivoltine breeds SK6 & SK7 breeds of CSR&TI, Berhampore, West Bengal to preserve eggs up to 300 days. The hatching percentage and rearing performance of SK6 and SK7 preserved layings were almost similar to 4,6,8 and 10 months. The preservation schedule is depicted in Fig.1&2 respectively. Further, SK6 and SK7 breeds were test verified in the field involving Basic seed farms of NSSO indicated 55 to 75 Kgs yield / 100 Dfls with a pupation rate ranged from 91.06 to 96.20% with normal cocoon traits.



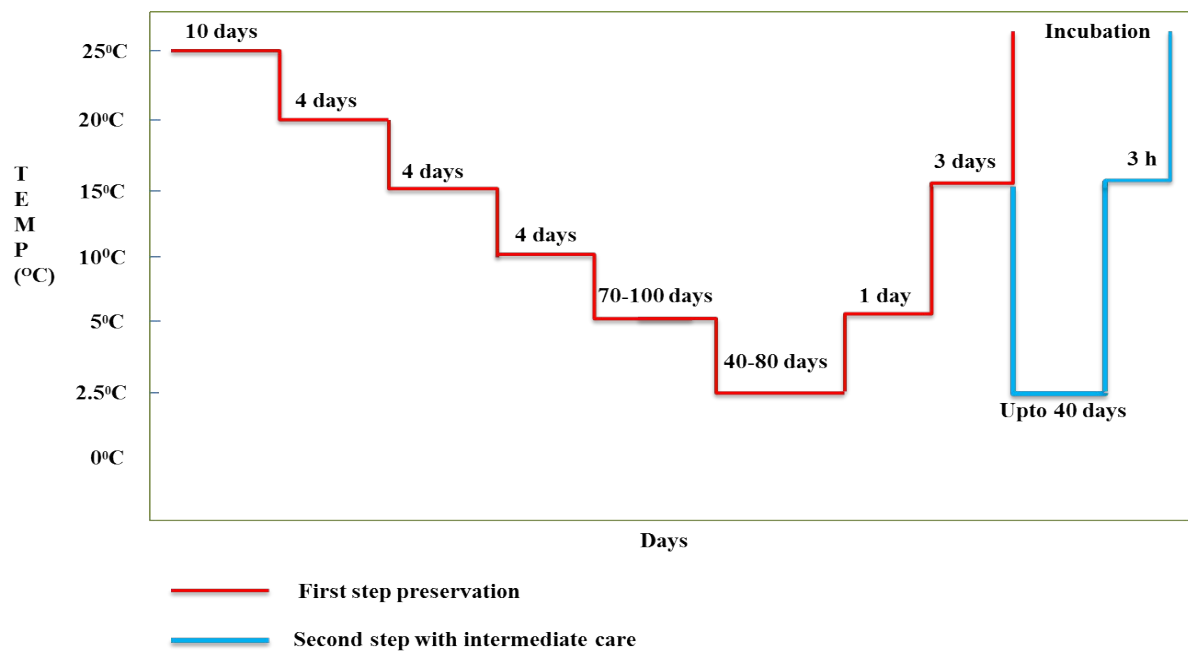


Fig 1: Preservation schedule with 10/20 days aestivation for 110-225 days

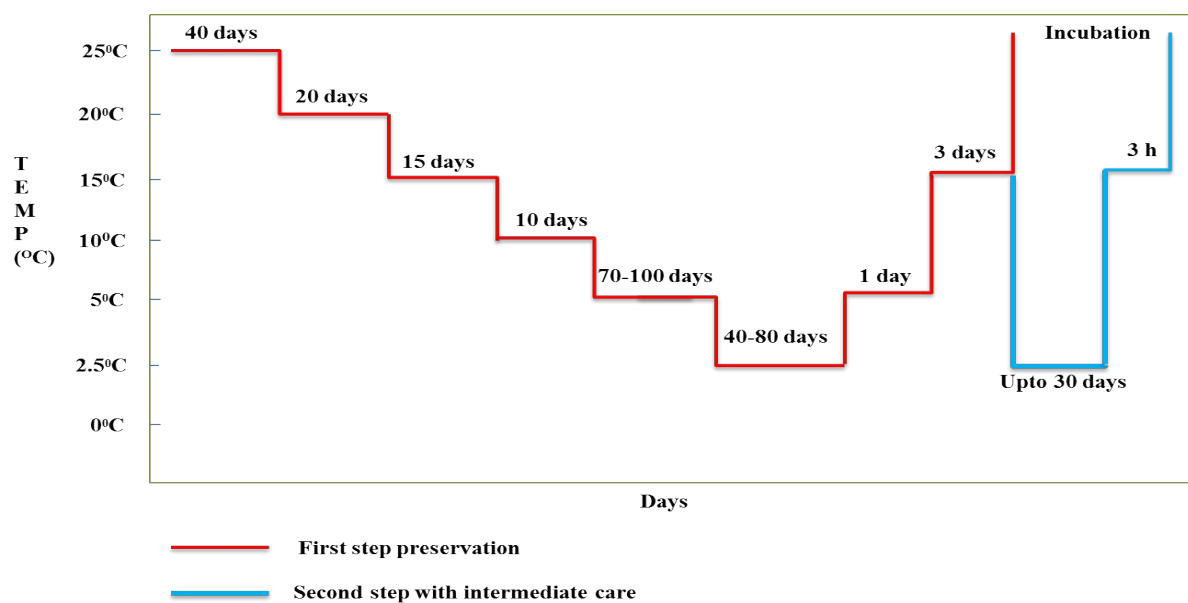


Fig 2: Preservation schedule with 40 days aestivation for 190-300 days

Impact : This technology is widely used by egg production centres of NSSO and DOS. West Bengal and seed cocoons generated can supplied in crucial times of seed demand.