Comparative Study on the Rearing Performance of Muga Silkworm

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Muga silkworm, Antheraea assamensis Helfer, generally reared outdoor on standing host trees for which it is always under pressure of vagaries of weather conditions causing substantial loss. Attempts were made to rear the silkworm under indoor conditions during different seasons. In first attempt, the worms were reared from brushing till spinning and in second, worms w ...
Propargite is an acaricide extensively used in India for controlling the populations of the red spider mite (RSM) infesting tea. Field experiments were conducted at two places in Tamil Nadu (India) during the dry season to determine the residues of propargite in black tea. Residues were quantified at different harvest intervals of '0' (3 hr), 1st, 3rd, 5th, 7th, 10th ...

Dissipation Behavior of Fenpyroximate Residues in Black Tea and Brew

Fenpyroximate is an effective acaricide on several food crops. In the present study, dissipation of residue of this acaricide in black tea, tea infusion and spent tea was studied. Analysis was carried out using high performance liquid chromatography with diode array detection. The rate of dissipation was found to vary with the nature of the substrate. In tea leaves th ...

Botanical Extracts Used as Wine Preservatives

The aim of the study was to eliminate the potentially harmful sulfite salts normally added to wine – based products for preservation purposes with the introduction into the wine natural products, with pronounced antioxidant activity. Frieze – dried samples taken from the plants Hippophaes and Goji Berry were added to dry white and red wines after their fermentation ph ...

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The Arabian Gulf countries are also known as the Gulf Cooperation Council (GCC) countries. They consist of six countries that are located in the Arabian Peninsula or connected to it. The GCC was formed in 1981 and includes: Bahrain, Kuwait, Oman, Qatar, Saudi Arabia and United Arab Emirates (Figure 1). Combined, all these countries have a population of nearly 50 milli ...