

**Shatpada: Herbal swabber for the management of white stem borer *Xylotrechus quadripes* in Coffee (organic) B. Booster for boosting plant health in coffee (not for certified organic coffee)**

- **Brand Name: Shatpada Herbal Swabber**
- **Material:** A gel form containing botanical formulation with micronutrients
- **Production method:** A herbal formulation mixed with reinforcing agents and dispersible materials.
- **Target pest:** Coffee white stem borer *Xylotrechus quadripes*
- **Method:**  
Herbal swabber when applied on the trunks acts as an ovipositional repellent for *X. quadripes*. When applied during the pre-monsoon and post-monsoon season (coinciding with the flight period where the adults oviposit maximum eggs) the adults can be easily managed. It is recommended as a prophylactic and curative method.
- **Target states:** Coffee growing areas of India
- **Validation:** The technology is evaluated in coffee plantations of CCRI in Karnataka during 2014 - 2015
- **Benefits:**  
The plant-based formulation when used along with inorganic micronutrient spray increased the yield of coffee beans by 10-15%.
- **Commercialization of technology:** The technology commercialized.

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