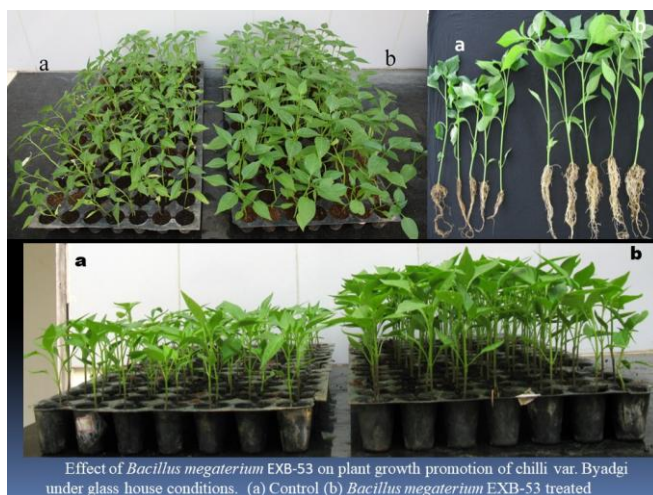


Shatpada Plant Growth Booster- Plant growth promoting strain of *Bacillus megaterium* for vegetable crops

- **Brand Name:** Shatpada Plant Growth Booster
- **Microbial Constituent:** *Bacillus megaterium* NBAIIEXB-53 strain
- **Microbial Culture deposition in National Culture Collection and accession number:** Not deposited, will be done shortly
- **Type of Formulation:** Both liquid (SC) and Talc formulation (WP) were developed containing minimum of 1×10^8 cfu/g
- **Target crops:** Chilli capsicum, tomato, brinjal, cauliflower and cabbage.
- **Method and dose of application:** Seed treatment @ 10g or 10ml/kg seed before sowing. No water required
- **Target states:** Karnataka, Kerala
- **Validation:** The technology was tested at NBAIR experimental farm, Yelahanka, Bangalore and commercial nurseries in Bangalore.



- **Benefits:** Increased the seedling vigor index from 20 to 245% in chilli varieties (Byadgi kaddi, Byadgi dabbi, Demon and HPH-12), 245% in Bell pepper - Indra, 81% in Cabbage - Summer Queen 59% in Brinjal – Harit, 52% in Cauliflower- Tetris and 25% in Tomato - Heem Sohna under nursery conditions.
- **Commercialization of technology:** The technology has been transferred to Agribiocare, Kottayam, Kerala during 2014

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