



# Emmessar Technologies Limited

Regd. Office: No. 5-C, Sett Minar, Peddar Road, Mumbai – 400 026.

Corp Office: 29, Kamer Building, 4<sup>th</sup> floor, 38, Cawasji Patel Street, Fort, Mumbai – 400 001.

Tel: 022-23538719 / 66356209/10/11 Fax: 66370190; Email: [enquiries@ebnl.org](mailto:enquiries@ebnl.org); [etl@ebnl.org](mailto:etl@ebnl.org)

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## Hi-tech Agricultural Products

### **Field Trials of Bumperkrop P1 in National Research Centre for Grapes (NRCG), Pune**

The study was conducted to test the Bio-efficacy of BumperKrop P1 (formerly known as Samruddhi P1) in the management of Thrips, Jassids, Mites & Mealy bugs. The study concluded the following –

- BumperKrop P1 (Samruddhi P1) significantly reduced Thrips, Jassids & Mites population, when sprayed @ 0.5%
- The conclusion also shows that at higher doses like 0.8%, there was no Phyto-toxicity
- Natural Enemy population was not adversely affected in BumperKrop P1 (Samruddhi P1) treated plots

### **Field Trials of Bumperkropi F1 in National Research Centre for Grapes (NRCG), Pune**

The study was conducted to test the Bio-efficacy of Bumperkrop F1 (Samruddhi F1) in controlling Powdery Mildew & Post-Harvest Rots in Grapes. The study concluded the following -

- Bumperkrop F1 (Samruddhi F1) provided control of Powdery Mildew as good as non-systemic fungicide & increased yields
- High dosage @ 0.8% sprays showed No Phyto-toxicity symptoms on the plant whatsoever
- Good increase observed in Shelf Life of packed grapes indicated by:
  - Reduced number of fallen and rotten berries & better freshness ratings
  - Post harvest berry rotting by Rhizopus, Aspergillus, Botryodiplodia and Penicillium was not present
- Good increase observed in the nutritional content of grape leaves