

**VASANTDADA  
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**Sambhaji Kadupatil** IAS (Retd.)  
DIRECTOR GENERAL

VSI/DG/TC/ 4757 / 2023-24

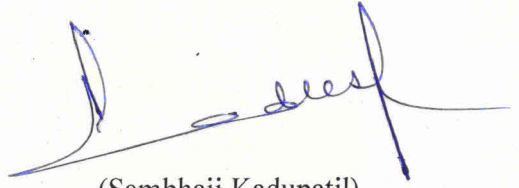
Date – August 23, 2023

Dear Madam

This is to convey our deep appreciation to the staff of Electron Beam Center (EBC), BARC, Kharghar, who have extended all help to this institute for the irradiation of chitosan with 10 MeV electron beam (EB). This institute has utilized the material for testing its efficacy as a biostimulator for managing biotic and abiotic stresses in sugarcane and allied crops. EB-irradiated material is found significantly superior to non-irradiated chitosan. Its multi-location evaluation trials have shown about 20-23 t/ha cane yield improvement in sugarcane. In addition, the irradiated chitosan has shown promising results in several vegetables, grain, flower and fruit crops for sustainable yield improvement.

This institute would like to acknowledge the help and cooperation of EBC and BARC jointly in developing technology for Irradiated chitosan as a biostimulator in improving plant productivity sustainably.

With warm regards,



(Sambhaji Kadupatil)

To,  
Dr. Archana Sharma  
Director, Beam Technology Development Group  
Electron Beam Centre, Kharghar  
BARC, Navi Mumbai – 410 210

Copy to Director, BARC Mumbai