

Report on Monthly Seminar on “Natural Biostimulants” by Shri Pankaj Singh Scientist-B held on 30th November 2018.

As part of monthly seminar series a seminar on “Natural Biostimulant” has been organised on 30/11/2018 in the conference hall of the Institute of Forest Biodiversity, Hyderabad. The seminar started with brief introduction on the topic by Dr Ratnaker Jauhari, CF & Head of Extension Division IFB Hyderabad. The speaker of this seminar was Mr. Pankaj Singh, Scientist-B Genetics & Tree Breeding Division, IFB, Hyderabad.

He emphasised that Organic Farming with use of organic sources of nutrients is a suitable strategy for producing safe, healthy and cheaper food and for restoring soil fertility. The determining factor for crop yield nature of biostimulants, the content present in them and mode of action of biostimulants, are application of biostimulants in horticulture etc., were discussed during the seminar.

He explained & shared experience about the (MOLE) Moringa oleifera leaf extract which has been used as a Natural biostimulant on the pea, tomato crop. The application of (MOLE) has increased the crop yield by 20-50%. One ongoing project is also being implemented by him to examine the effect of MOLE as natural biostimulants on the endangered medicinal plant Rauwolfia Serpenta & their alkaloid content. The Director IFB gave his observations at the end of the seminar.

Recommendation: The packaging of MOLE should be done.

- Other forestry plant species should also be explored for the similar purpose.
- Future work may be taken on other medicinal plants if positive results will be obtained.

Dr. Jayaprasad IFS, Director, Dr. Ratnaker Jauhari IFS, CF, Dr G.R.S.Reddy, Scientist-G, Dr. Pravin. H. Chawhaan, Scientist-G, Dr. Pattanaik Scientist-F, Mr. Arul Rajan, IFS, DCF, Dr. Abha Rani, Scientist-E and all the newly Technical staff were present during the seminar.



Seminar Presentation on Natural Biostimulants by Shri. Pankaj Singh, Scientist-B.



Discussion after seminar