



Five days Training programme on
"Bio-rational Approaches for Plant Disease Management"

Under NAHEP-IDP on 11-15th November, 2019

:: Organize by ::

Department of Plant Pathology
College of Agriculture
JAU, Junagadh



:: Venue ::

Conference Hall, College of Agriculture
Junagadh Agricultural University
Junagadh



ABOUT THE TRAINING :

Agriculture is the dominant sector in Indian economy. Agriculture production is mainly reduced by insects-pests, diseases and weeds (On an average 20 % yield loss). Plant diseases causing various types of direct and indirect crop loss, including reduced quality and quantity of food, threat to environment as well as limit the crop grown. Management of plant diseases usually done by agrochemicals which cause environmental pollution. To overcome this integration of bio-rational approaches is the main factor to control plant diseases that include cultural practices, botanicals, bio-control agents and safer fungicides. This training course is emphasized as an advanced tool for managing plant diseases.

THEMES FOR TECHNICAL SESSION :

- IDM concept for bio-rational plant disease management
- Role of various cultural practices in plant disease management
- Use of botanical and biocontrol agent in plant disease management
- Plant disease management through rational use of fungicides
- Bio-rational management of key fungi, bacteria and nematode

SCHEDULE

Five days Training programme on “Bio-rational Approaches for Plant Disease Management” (11-15th November, 2019)

Sr. No.	Date	Time	Topic of lecture/ practical	
1	11/11/2019	8.00 to 8.30	Registration	
		8.30 to 9.30	Inauguration	
		9.30 to 11.00	IDM concept for bio-rational plant disease management	Dr. L. F. Akbari
		11.00 to 13.00	Detection and Diagnosis of plant diseases	Dr. K. B. Rakholiya
		13.00 to 14.00	Lunch break	
		14.00 to 18.00	Practical on disease diagnosis on field and identification of major pathogen	Prof. S. V. Lathiya and Dr. J. R. Talaviya
2	12/11/2019	9.00 to 10.30	Role of various cultural practices in plant disease management	Dr. D. S. Kelaiya
		10.30 to 12.30	Biological control approach in plant disease management	Dr. K. B. Rakholiya
		12.30 to 14.00	Lunch break	
		14.00 to 18.00	Practical on Isolation of Trichoderma from soil	Dr. K. K. Kanzaria and Prof. U. M. Vyas
3	13/11/2019	9.00 to 11.00	Plant disease management through rational use of fungicides	Dr. D. M. Pathak
		11.00 to 13.00	Role of PGPR in Integrated disease management	Dr. K. K. Pal
		13.00 to 14.00	Lunch break	
		14.00 to 18.00	Mass production of Trichoderma	Prof. U. M. Vyas and Dr. K. K. Kanzaria
4	14/11/2019	9.00 to 11.00	Viral disease management through vector control	Dr. L. V. Ghetiya
		11.00 to 13.00	Bio-rational management of key fungal pathogens	Dr. D. M. Pathak
		13.00 to 14.00	Lunch break	
		14.00 to 16.00	Pesticide residue management in agriculture produce	Dr. R. L. Kalsariya
		16.00 to 18.00	Mass production of Pseudomonas	Prof. C. M. Bhaliya and Prof. J. C. Dhingani
5	15/11/2019	9.00 to 11.00	Bacterial disease management through bio-rational tactics	Dr. J. R. Talaviya and Prof. S. V. Lathiya
		11.00 to 13.00	Effect of phytoextract and panchgavya on disease development	Prof. J. C. Dhingani and Prof. U. M. Vyas
		13.00 to 14.00	Lunch break	
		14.00 to 16.00	Bio-rational management of plant parasitic nematode	Prof. C. M. Bhaliya and Dr. I. B. Kapadiya
		16.00 to 18.00	Valedictory function	

