

SUCCESS STORY OF PLANT HEALTH CLINIC

Plant Health Clinic is the integration of four major disciplines of agriculture (Entomology, Plant Pathology, Agronomy and Soil science) which provides a common platform to the students, line department officers and Farmers to train them in a better way to diagnose the insect-pests, pathogens, weeds, nutrient deficiency and their symptoms produced on different crops such as cereals, pulses, oilseeds, vegetable crops, fruit crops and ornamentals including medicinal plants and in various cropping ecosystem.

The major equipments and tools used in plant health clinic are Trinocular microscope, Stereo zoom microscope, Digital microscope, Laptop, Desktop, Magnifying lens, Incubator, Centrifuge, Laminar air flow, Double distillation unit, Hot air oven & Autoclave.

Plant Health Clinic of KVK, Jagatsinghpur is also imparting training to the agriculture students, farmers & extension workers for the diagnosis of field problems of the crops. Interactive sessions, face to face training and knowledge dissemination on the crop infection, damage crops, pesticide, insecticide are some services. Many a times farmers are not aware of which disease or pathogen has attacked in their crops. They come with the sample of the diseased plant to plant health clinic of KVK, Jagatsinghpur. Here the sample is examined thoroughly, it is first observed under the microscope and its morphological study is done; if the problem is identified the Plant Protection Scientists provide on-the-spot guidance in printed form about the management practices of that disease/pest etc.

The different ways of sample collection are Live Samples Diagnosis, Telephone helpline, Mobile helpline, Whatsapp Diagnosis & Diagnostic field visit.

Sachitanada Gochhayat, S/o-Rabindra Gochhayat, Village-Nimol, Block-Erasama (9438364868) brought leaves sample of coconut tree affected by rugose spiraling whitefly & leaves of chilli plant affected by sucking pests. His field was badly damaged. He brought lot of pesticides from nearby markets and applied in his field but nothing worked out. He communicated with KVK, Jagatsinghpur and brought samples to the Plant health clinic lab. Damage samples were thoroughly examined in the Plant health clinic lab. He was advised by scientist plant protection. Thus he used the recommended insecticide and managed to control the damage done by coconut red palm weevil and sucking pest of chilli.

Till now 730 samples collected and recommended by different ways from farmers of Jagatsinghpur district.

Plant Health Clinic of KVK, Jagatsinghpur recommendation build up farmers confidence & change to farming community.