

Physical Compatibility and Phytotoxic Studies of Insecticides and Fungicide Mixtures on Rice

Ch Sabitha, S Dhurua, N Sreesandhya and M Suresh

Department of Entomology, Agricultural College, Naira, A. P.

ABSTRACT

Physical compatibility assessment of eight possible combinations with four insecticides and two fungicides were done in the laboratory while their phytotoxic effect over the rice crop was executed in field conditions. Any sort of incompatible phenomena (precipitation, sedimentation, slurry, gel, flakes, layering *etc.*) was not evident in all the eight combinations specifying that they were physically compatible. The pH of the tested combinations were moderately alkaline to slightly alkaline in nature. Phytotoxic symptoms (leaf tip injury, yellowing, epinasty, hyponasty, necrosis *etc.*) were not found on the leaf foliage of rice crop on application of these insecticide and fungicidal combinations.

Keywords: *Fungicides, Compatibility, Insecticides, Rice and Phytotoxicity.*