

Survey on Incidence of Major Pests and Their Natural Enemy Complex in Direct Seeded Rice vs Transplanted Rice

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ABSTRACT

The survey was conducted at three stages of crop growth *viz.*, active tillering, panicle initiation (PI) and harvesting stages of Direct seeded Rice (DSR) and Puddled Transplanted Rice (PTR) fields of ten mandals *viz.*, Bapatla, Ponnur, Karlapalem, Cherukupalli, Amarthaluru, Pittalavanipalem, Nagaram, Kakumanu, Vatticherukuru and Pedanandipadu. Observations were recorded on incidence of BPH, WBPH, leaf folder, coccinellids, mirid bugs and spiders. The mean population of BPH, WBPH and natural enemies was higher in PTR when compared to DSR. Leaf folder infestation and damage was more in DSR when compared to PTR. Among surveyed mandals, Bapatla recorded the higher number of BPH (9.04/hill), whereas, higher number of WBPH were recorded at Vatticherukuru (4.24/hill) mandal during PI stage in PTR. The highest leaf folder larval number (1.31 per hill) and damage was observed at Cherukupalli (5.54%/hill) DSR.