

Eco -friendly IPM practices for higher yield and income in paddy

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Shri. Arumugam S/o. Ramasamy, aged 52 is a paddy farmer from Athanoor village of Arni taluk in Thiruvannamalai district. He has been cultivating paddy for the past thirty years in all the seasons. His family income primarily depends on paddy production alone. But, the productivity of paddy (4.5 ton/ha) was low and cost on plant protection chemicals (5-7 sprays) were increasing day by day. It is due to severe incidence of Thrips, Stem borer, Leaf folder and BPH. Besides, he has been using enormous quantities of nitrogenous fertilizers. In this situation, he approached KVK for the management of pest and improves the productivity in paddy. The KVK included his village for the activities during the year 2016-17.



He was selected as one of the beneficiary farmers in the FLD programme with one acre of paddy and the IPM practices were demonstrated as one of the component of FLD. In this period, he has been trained for various integrated plant protection technologies and demonstrations were effectively conducted in his field by the KVK team.

As a result of adopting of various plant protection technologies, better resource use efficiency, he obtained an yield of 6.25 ton/ha. This was 21.96 percent higher as compared to average yield obtained by other farmers of his locality in the previous years.

After seeing the effectiveness of integrated plant protection practices, he planned to extend the area of paddy cultivation. Other paddy growing farmers of his locality have started cultivating paddy with integrated plant protection approach on a larger scale.

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