

## Balanced fertilization in paddy : KVK Thiruvannamalai 2011-12

Mr. Sivaraman, aged 45 is involved in rice cultivation for the past 15 years. Throughout this period the higher yield he achieved was 7 t/ha only. Because he practiced indiscriminate use of fertilizers in his field. The fertilizer cost has been increased the money he earned from this was not sufficient to meet his family expenses.



In this situation, he approached KVK and got detail about the balanced fertilization in paddy crop on the advice of KVK he analysed soil samples at KVK laboratory. It showed the micronutrient Iron deficiency in his field. But the farmers had been applying  $ZnSO_4$  without knowing soil status.

He was intensively trained at KVK on the balanced fertilization. Based on the soil test, suitable recommendation were given by KVK scientist to improve the yield of the crop. He followed the recommendation of KVK very well and got the yield of 9 t/ha. It was 28.57 % higher than this normal yield.

After realizing the benefits of balanced fertilization, he started production of vermin composting on his own field. He is adopting balanced fertilization in his entire paddy crop. He advice and guides other farmers in the locality on balanced fertilization.