

Effect of Phosphorus Sources and Levels on Groundnut

Application of organic source of phosphorus viz. Godavari phosgold with increasing levels showed better crop performance as compared to single super phosphate



Fig. 1 Godavari phosgold (organic source) treated plots



Fig. 2 Single super phosphate (Inorganic source) treated plots

Effect of Resource Conservation Method Weed Control on Direct Seeded Rice under Zero Tillage

Resource conservation methods of weed control showed very good results on better growth of rice and reduction of weed population. Weed population was lowest in straw mulch plot except in weed free plots. However, other methods also showed lower weed growth and population as compared to weed check plots. In all the methods except weed check plots, one supplementary light hand weeding enhanced the effect of resource conserving methods of weed control. However, application of Glyricidia mulch showed good rice plant growth over all other treatments.



Weedy check



Straw mulch



Wheel hoeing + straw mulch



Glyricidia leaf mulch



Brown manuring



Weed free

Fig. 3 Effect of resource conservation method of weed control on direct seeded rice under zero tillage.