8. FUTURE LINE OF RESEARCH

Efforts have been made in the present investigation on weed management in kharif rice, evaluation of age of seedling and optimizing nutrient management practice under SRI in lateritic soil of Odisha. SRI achieves these improvements in yield and factor productivity by changing some of the plant, soil, water and nutrient management practices long associated with irrigated rice production. This study has made considerable advancement in weed and nutrient management of different age of seedlings. The system recognizes the rice as having great unattained internal potential for tillering and seeks to provide an optimum environment in order to allow the plant to manifest such potential.

- Similar experiment should be conducted in other seasons of the year to find out the seasonal effect on growth and productivity of rice.
- Similar experiment should be conducted in different agro ecological locations and regions of the state and country for its wide scale application in rice cultivation.
- Experiments need to be conducted in different locations to evaluate the amount of loss of yield through weed under SRI
- Multi-locations and multi-seasons trials should be undertaken in INM in kharif rice for increasing and sustaining rice productivity.
- Studies on various quality parameters should be undertaken for rice under SRI
- Studies the response of kharif rice cultivation to different weed management practices for specific agro ecological situation for increasing and sustaining rice productivity under SRI.