**LIST OF TABLES**

**Part-A.**

1. Effect of different water tables and salinity levels on the number of leaves expressed as percentage of the initial number of leaves as it stood on May, 1961.  
   
2. Effect of different water tables and salinity levels on the chlorophyll content of leaves (mg./100g.).  
   
3. Effect of different water tables and salinity levels on the percentage increase in the height of plants.  
   
4. Effect of different water tables and salinity levels on percentage increase in stem diameter.  
   
5. Effect of different water tables and different salinity levels on the increase of spread of plants.  
   
6. Effect of different water tables and salinity levels on (a) fresh weight of roots (b) dry weight of roots (c) mean length of roots.  
   
7. Effect of different water tables and salinity levels on (a) fresh weight of shoots (b) dry weight of shoots.  
   
8. Effect of different water tables and salinity levels on the total dry weight of shoot and root.  
   
9. Effect of different water tables and salinity levels on the (a) pH and (b) electrical conductivity of the soil.  
   
10. Mean effect of different water tables and salinity levels on the chemical composition of leaves.  

**Part-B.**

11. Effect of medium salt concentrations on the percentage mortality of plants.  
   
12. Effect of medium salt concentration on dry weight of tops and roots.
13. Residual effect of high salt concentration in heavy soil on germination, mortality and yield of maize crop.
14. Residual effect of medium salt concentration on germination, mortality and yield of maize crop.
15. Residual effect of different salt concentrations in various soils on tile straw yield of wheat.
17. Effect of low salt concentration in light soil on chlorophyll content of leaves.
18. Leaf composition under different salt concentrations.
19. Effect of reduced concentrations of salts on the mortality of plants.
20. Effect of reduced concentrations of salts on leaf composition.
21. Effect of salts on Blood red sweet orange budded on different rootstocks.
22. Effect of salts on four sweet orange varieties budded on Jatti Khatti rootstocks.

Part-C.

23. Effect of nutrients on plant growth.
24. Effect of different nutrients on the chlorophyll content of leaves.
25. Effect of macro nutrients on the chemical composition of leaves.
26. Effect of micro nutrients on the chemical composition of leaves.