

**Please find attached data for RCBD experimental design. The data has:**

Explanatory:

4 blocks

6 treatments of Salicylic acid application, replicated thrice within each block

Response:

tomato plant leaves

Test for normality

Visualize data and check-> check boxplots or bar chart

Homogeneous errors -> Plot residual vs fit -> create models for residuals and fit

Independent errors -> Lag plot

Normal errors -> QQnorm, QQline, histogram

Test of differences:

RCBD ANOVA