

2.17 30411 AGRICULTURAL STATISTICS

UNIT-1 THEORY:

- 1.1 Statistics-its meaning, definition and importance in agriculture.
- 1.2 Frequency distribution, Measures of Central tendency-Arithmetic mean.
- 1.3 Measures of dispersion-Standard deviation, Standard error of mean, co-efficient of variation.
- 1.4 Test of significance- Student's 't' test and 'F' test. Experimental design-Basic Principles of experimental design.
- 1.5 Concept of ANOVA, Analysis of research data using procedure of CRD and RBD.

UNIT-2 PRACTICALS:

- 2.1 Preparation of frequency distribution (table)
- 2.2 Problems of measures of Central tendency
- 2.3 Measures of dispersion
- 2.4 Problems of test of significance (t-test)
- 2.5 Preparation of layout of CRD and RBD.

