

AN AMALGAMATED STUDY OF FAILURE RATE AND FRACTIONAL FACTORIAL DESIGNS WITH MINIMUM ABERRATION IN AGRICULTURAL EXPERIMENTS

MITHLESH, CHETAN & RATNA RAJ LAXMI

M.D. University, Rohatk, Haryana, India

ABSTRACT

In the agricultural experiments, many experiments involve the large number of factors or blocks which may be studied simultaneously. In such situation fractional factorial designs are useful because it allows to determining the “vital few” significant factors with aim to abate random error effect. In the present investigation, the way to overcome from the problem of damage block is studied with the conjunction of advance methodology of fractional factorial designs with minimum aberration.

KEYWORDS: Reliability, Failure Rate, Hazard Rate Etc