

LITERATURE REVIEW ON AGRICULTURE GROWTH PERFORMANCE AND FORECASTING MODELS FOR CROP YIELD

D. P. SINGH¹, S. S. GAUTAM² & R. R. SAXENA³

^{1&2}Mahatma Gandhi Chitrakoot Gramoday Vishwavidyalaya University, Chitrakoot, Satna, Madhya Pradesh, India

³Indira Gandhi Krishi Vishwavidyalaya University, Raipur, Chhattisgarh, India

ABSTRACT

The Main purpose of the study of to compare the various non linear growth models, to review of various nonlinear growth and forecasting model in agriculture growth production. The various nonlinear growth models, viz. Gompertz, Monomolecular, Weibull, Logistic, MMF, Richards, Exponential, and Von Bertalanffy are reviewed for crop yield, growth rates, a comparative study, and forecasting conducted for these models. This article deals with the study of forecasting of growth rates of crop yield with a non-linear approach.

KEYWORDS: Nonlinear Growth Model, Review Paper & Agriculture Production