

ADOPTION OF FARM TECHNOLOGY IN INDIAN AGRICULTURE AND ITS DEVELOPMENT

MD. HASANUZZAMAN

RESEARCH SCHOLAR,
DEPT. OF ECONOMICS,
ALIGARH MUSLIM UNIVERSITY,
ALIGARH

ABSTRACT:

During last two decades growth may be higher but faster and sustainable growth or equitable development has been missing. In this century, challenge before the Indian agriculture is to feed its large number of population. It is very difficult to produce such amount of food to meet the demand of its 1.21 billion populations. The only option is to increase the production of food grain as much as possible. With declining land-man ratio, it is difficult to increase the production through area expansion. The only option is technological innovation. Introduction of new farm technologies with suitable government policies is very essential to achieve 4 per cent growth rate of agriculture for its development. Farm mechanisation is possible only with the development of farm technology. Farm technologies are used in farming operations with a view to increase productivity of land and labour, for efficient use of inputs, improvement in quality of produce and reduction in loss of produce and drudgery of farmer. Efforts will have to be made to fill up productivity gaps of the existing technologies and their scaling up through proper extension mechanisms, supply of inputs, institutions, and proper governance. The objective of this paper is to analyse the adoption level of farm technology in Indian agriculture for its development.

KEY WORDS: Farm Technology, Agricultural Development, Farm Mechanization, Green Revolution.
