

Agarwal, M.C., Mohan, S.C., Singh, Gurmel and Nirmal Kumar. 1993.
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Presents results of a trial on three levels of nitrogen (0, 30 and 60 kg/ha) in combination with three levels of phosphorus (0, 20 and 40 kg/ha) conducted in a randomised block design with three replications separately on two different varieties (PL-56 and P-133) of rainfed barley crop at Selakui. The quadratic response surface equation was computed for the average yield of four years separately on the two varieties (PL-56 and P-133) of rainfed barley crop for describing yield-fertilizer relationship. With the help of these fitted response surface equations optimum doses of nitrogen and phosphorus were estimated. Marginal products, yield isoquants, marginal rate of substitution and least cost combination were also worked out.