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Influence of different levels of NPK on growth, yield and quality of phalsa (*Grewia subinaequalis* L.)

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ABSTRACT : An experiment was conducted to study the influence of different levels of nitrogen, phosphorus and potash on vegetative growth, yield and quality of phalsa (*Grewia subinaequalis*) during the year 2011-2012 at the Horticulture Research Farm, Sam Higginbottom Institute of Agriculture Technology and Sciences, Allahabad. The results revealed that the maximum number of canes (13.41)/bush, number of sprouted shoots (22.12) per cane, number of fruiting nodes (16.95) per shoot, average number of fruits (5273.98)/bush, fruit yield (4.42kg.)/bush, total yield (73.59 q/ha), total Sugar (10.69%) and lowest titratable acidity (2.45) were recorded in T_7=100g N+50g P_2O_5+100g K_2O/bush. Moreover the highest length of new shoots (68.56cm) /cane and TSS (22.10 ^{0}Brix) were noticed in T_8=150N+100g P_2O_5+150g K_2O/bush.

KEY WORDS : Phalsa, Nitrogen, Phosphorus, Potash

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