



Research Note

Evaluation of yield of maize through improved variety

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SUMMARY : The study was carried out during *Kharif* season of 2011, 2012 and 2013 in seven villages of Narmada district. In all 32 demonstrations on maize crop were carried out in area of 11.6 ha with the active participation of farmers with the objective to demonstrate the latest technology of maize production potential. The improved technology consisting of suitable variety 'Gujarat Maize 6'. The results revealed that FLD recorded higher yield as compared to farmers practice over the years of study. The improved variety recorded average yield of 1409 kg/ha which was 18.5 per cent higher than that obtained with farmers practice of 1189 kg/ha. In spite of increase in yield of maize, technological gap, extension gap and technology index existed which was 1034, 219 kg/ha and 42.3 per cent, respectively. The improved variety gave higher gross return of 15030 Rs./ha, net return of 4031 Rs./ha with benefit cost ratio 1.4 as compared to local check (12688 Rs./ha, 2289 Rs./ha and benefit cost ratio 1.2).

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