

314. **Mittal, S.P., Singh, Pratap and Agnihotri, Y. 1997.** Yield and water use efficiency of *taramira* as influenced by pre-sowing irrigation and mulch in Shiwalik foothills. *Indian J. Soil Conserv.*, 25(1): 61-63.

Presnets results of a study conducted during 1985-1989 in Shiwalik foothills to see the effect of irrigation and mulch on growth yield and water use efficiency (WUE) of *taramira* (*Eruca sativa* Mill). Treatments consisted of no irrigation (control) and presowing irrigation in main plots with four mulch treatments i.e. no mulch (control) and grass mulch @ 2.4 and 6 t/ha in sub plots. Irrigation did not influence the yield, yield attributing characters and net returns. However, the water use, WUE and straw

yield were higher under presowing irrigation as compared to control. Application of grass mulch @ 6 t/ha resulted in significantly higher grain and straw yield. It also gave higher WUE net returns and values of yield attributing characters.