

423. Ramanath, B., Prabhanjan Rao, S.B., Sam, M.J. and Mittal, S.P. 1974. Safflower response to fertilizer under dryland farming in the black cotton soils of Bellary. *Madras Agric. J.*, 61(9): 830-831.

In a three year (1967-70) trial on the response of five varieties of safflower (M-7, M-630, A-300, 129-3, and Local) to the application of fertilizer @ 3 doses (No fertilizer, 20 N+20

P_2O_5 and 40 N+40 P_2O_5 kg/ha), A-300 and M-630 recorded 11.3 and 2.3 per cent increase in yields over local variety. On an average, 20 N + 20 P_2O_5 and 40 N + 40 P_2O_5 kg/ha recorded 6.0 and 7.1 per cent more yield than no fertilizer treatment.