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were conducted (1986-1989) to evaluate the effect of multipurpose trees planting direction and pruning of tree roots on the yield of rainfed crops on class V bouldery land at Research Farm, Selakui, Dehra Dun. In systematic plus shaped experiment, reduction m crop yields near Eucalyptus hybrid tree line (0-2 m segment) was found and beyond that were observed to be normal. For maize, better yields were recorded in trenched plots non-trenched. Aspect did not affect crop yields and Eucalyptus hybrid growth menificantly in the first three years of the experiment. In systematic star shaped experiment, error yields were recorded as one goes away from the tree line. Under and away Brakinia purpurea and Grewia optiva, better grain yields were recorded in sunshine direction than opposite side. Not much variations in elemental composition of maize and for grain and straw were found with distance, trenching and orientation.