

518. **Singh, R.K., Mohan, S.C. and Tomer, V.P.S. 1994.** Performance of compatible shade loving crops in agroforestry system. In: Agroforestry-Traditions & Innovations (eds.) Pratap Narain, K.S.Dadhwal and R.K.Singh, ICAR-UNDP Advance Centre on Agroforestry, CSWCRTI, Dehradun: 147-152.

This paper deals with light requirement of plants, management options for eliminating light stress and results of a study conducted on the performance of shade loving crops of ginger and turmeric under the shade of mulberry plantations. Results revealed that while ginger was confirmed to be a shade-loving crop, turmeric showed increased rhizome yield with increasing light levels. Impact of shade on rhizome yields of both the crops was more pronounced in mulched plots than unmulched plots due to favourable soil environment and reduced moisture and nutrient stress.