

706. **Nambiar, K.K.M., Dayal, R. and Mishra, P.R. 1968.** Study on the relative degree of improvement of soil structure under different grasses. *Indian For.* 94(7):533-540.

Describes quantification of soil structure in terms of mean weight diameter (MWD) under *Cenchrus ciliaris*, *Dichanthium annulatum* and *Aristida hystrix* in comparison to the under overgrazed areas. The MWDs of the aggregate distribution in the surface layer under *Cenchrus ciliaris* and *Dichanthium annulatum* were more than five times the MWD of the aggregate distribution in the surface layer of the overgrazed area. The MWD of the

aggregate distribution under the annual, *Aristida hystrix* was thrice that in the case of the overgrazed area. The extent of soil aggregation in the surface and subsurface soils remains to be the same under overgrazed area. Diameter, spread and vertical extent of the roots play a major role in soil aggregation in deeper layers.