

ECOLOGICAL ROLE OF THE GHAF TREE

HOW OUR NATIONAL TREE PROTECTS OUR ENVIRONMENT



WINDBREAKS
IN FARMS AND
ROAD SIDES



LEAF LITTER
DECOMPOSITION



STABILISES
SHIFTING
SAND DUNES



FIXES
ATMOSPHERIC
NITROGEN



SHADE AND
SHELTER

The Ghaf tree's extensive root system helps in stabilising shifting sand dunes and is therefore useful as a windbreak, and in forestation of dry areas. It fixes atmospheric nitrogen through microbial activities and rejuvenates poor soils by adding organic matter through leaf litter decomposition. It provides much needed shade and shelter to farmers and their livestock, as well as wildlife, during the summer months.