

MO (Moderate) *Acacia holosericea*

Date assessed	2022-05-01
Year published	2023
Eicat category	MO (Moderate)
Justification for EICAT assessment	A. holosericea changed the functionality of the soil microbial community and species evenness of arbuscular mycorrhizal fungus communities (Remigi et al., 2008), with negative impacts on the native <i>Faidherbia albida</i> .
Confidence rating	Low
Mechanism(s) of maximum impact	Indirect impacts through interactions with other species
Countries of most severe impact	Senegal
Description of impact	Indirect impacts through interactions with other species - <i>Acacia holosericea</i> promotes the multiplication of one fungal species and as a result altered the species evenness of arbuscular mycorrhizal communities. <i>Acacia holosericea</i> also modified the structure of Bradyrhizobia populations in the soil.
Assessor	Sabrina Kumschick
Contributors	
Reviewers	EICAT authority
Recommended citation	Sabrina Kumschick. (2026). <i>Acacia holosericea</i> . IUCN Environmental Impact Classification for Alien Taxa (EICAT).

