

**MO (Moderate)** *Acacia holosericea*

<b>Date assessed</b>	2022-05-01
<b>Year published</b>	2023
<b>Eicat category</b>	MO (Moderate)
<b>Justification for EICAT assessment</b>	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> .
<b>Confidence rating</b>	Low
<b>Mechanism(s) of maximum impact</b>	Indirect impacts through interactions with other species
<b>Countries of most severe impact</b>	Senegal
<b>Description of impact</b>	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.
<b>Assessor</b>	Sabrina Kumschick
<b>Contributors</b>	
<b>Reviewers</b>	EICAT authority
<b>Recommended citation</b>	Sabrina Kumschick. (2026). <i>Acacia holosericea</i> . IUCN Environmental Impact Classification for Alien Taxa (EICAT).

