

			PSHB Infestation Level				
	Host Species	Hazard Level	No infestation	Low	Moderate	Heavy	Severe
LOW VALUE HOSTS	Reproductive	Low	Monitor	Monitor	Remove tree or infested branches ¹	Remove tree or infested branches ¹	Remove tree or infested branches ¹
		High	Monitor	Treat/prune infested branches ¹	Remove tree or infested branches ¹	Remove tree or infested branches ¹	Remove tree or infested branches ¹
	Non-Reproductive	Low	Monitor	Monitor	Notify UC ANR; reclassify species as reproductive host in consultation with PSHB/FD experts		
		High	Monitor	Monitor			

			PSHB Infestation Level				
	Host Species	Hazard Level	No infestation	Low	Moderate	Heavy	Severe
HIGH VALUE HOSTS	Reproductive	Low	Preventative treatment	Treat/prune infested branches ¹	Treat/prune infested branches ¹	Treat/prune infested branches ¹	Remove tree or infested branches ¹
		High	Preventative treatment	Treat/prune infested branches ¹	Treat/prune infested branches ¹	Remove tree or infested branches ¹	Remove tree or infested branches ¹
	Non-Reproductive	Low	Monitor	Monitor	Notify UC ANR; reclassify species as reproductive host in consultation with PSHB/FD experts		
		High	Monitor	Monitor			

Host Value²

- Low** Species of low economic value; smaller and/or younger trees; trees with undesirable form, structural issues (e.g. codominant branches), other issues (e.g. other pests)
- High** Species of high economic or cultural value (e.g. heritage trees); larger and/or older trees

Host Species

- Reproductive** Plant species suitable for beetle reproduction and growth of *Fusarium euwallaceae* (see pshb.org for list)
- Non-Reproductive** Plant species that have not yet proved suitable for beetle reproduction; however, species may be susceptible to *Fusarium euwallaceae*

Hazard Level²

- Low** Trees that pose a low risk to people or property
- High** Trees that pose a high risk to people or property (e.g. trees adjacent to walkways, playgrounds, high-use lawns, parking lots)

Infestation Level	Beetle Entry-Holes	Branch Dieback ³
Low	<50	None
Moderate	≥50 and <150	None
Heavy	≥150	None
Severe	≥150	Yes

¹ If PSHB infestation is confined to the branches of the host tree (i.e. there are no attacks on the main trunk), affected branches may be pruned before the infestation spreads. Hazardous branches on high-value hosts may also be pruned in an effort to preserve the tree (together with treatment). Pruning wounds should be treated to prevent re-infestation.

² Definitions for host value and hazard level will vary. Classification must be determined by site and site use.

³ Branch dieback: Progressive death of twigs and leaves from the crown tip back towards the center (via International Society of Arboriculture)