

Pinon Ips bark beetle



Signs of ips bark beetle:

Pitch tubes

Saw dust in bark and at trunk base



Exit holes

Too large, not round = Not ips

Very small, perfectly round = ips



Crown indicators

Live and dead needles mixed, older dead branches. Crown is not dying all at the same time = not ips



Crown turned brown at the same time. No green mixed in = ips



Not ips -> Other pests or environmental factors

Clear sap -> no sawdust mixed
in = wound or bark crack



Crown not browning/dying at once,
dieback in individual branches =
other pest/ drought stress



Not ips -> Other pests or environmental factors

Reddish color in bark
cracks/splits (no sawdust) =
Pinon blister rust



Mass amount of pitch, usually
near wounds, sawdust in sap =
Pinon pitch mass borer

