

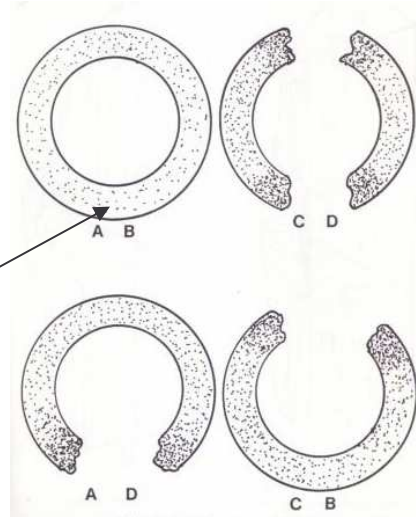


Callus patterns after pruning

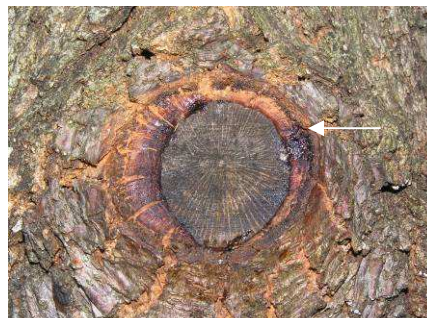
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Incorrect cuts lead to broken or one sided wound wood formation resulting in openings which act as entry points to pathogens

A correct cut leads to the uniform development (doughnut) of wound wood tissue about a wound



Uniform callus development (above) leads to uniform wound wood which occludes a wound. The shape of the original wound (branch) after cutting is visible under the 'new' bark. These samples are silky oak – *Grevillea robusta*



The sample (left) has one sided wound wood development as a result of a pruning cut which was left slightly high on the right side



Wound occlusion – The highest goal for good quality pruning



With each growth increment new doughnuts of callus is formed
which differentiate into rings of wound wood