

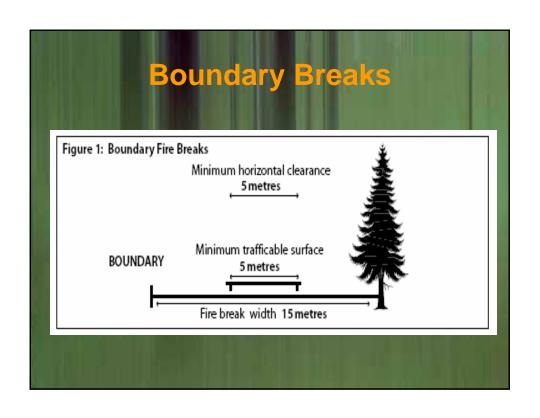


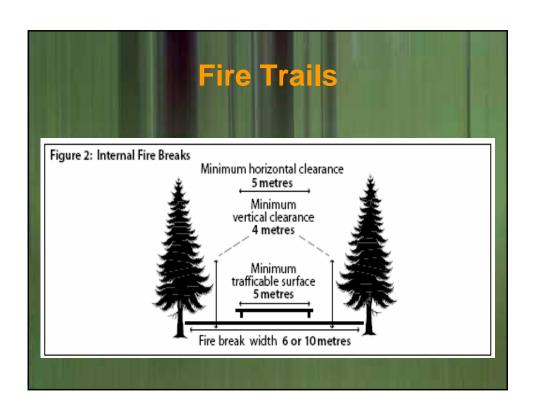


### Plantation Fire Protection Standards

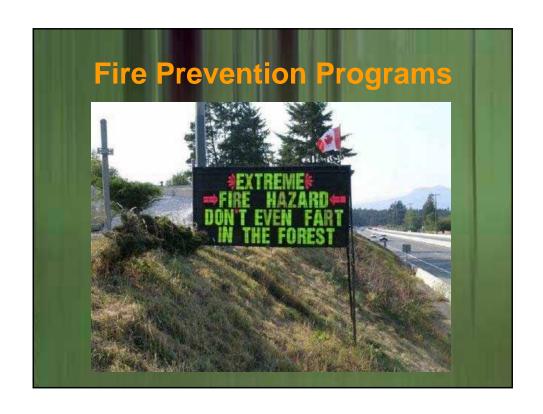
## Obviously focuses on features of the plantation site itself:

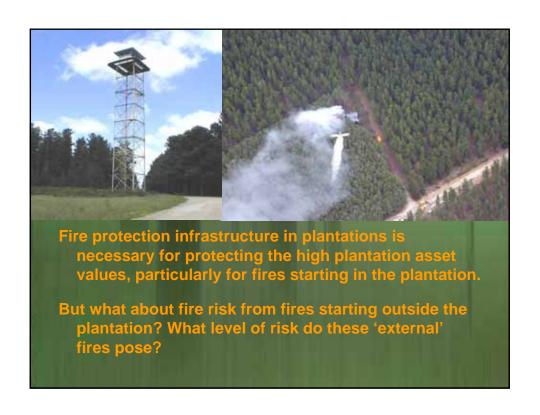
- Boundary breaks
- Road and fire trail provision
- Water points
- Detection
- Response capability







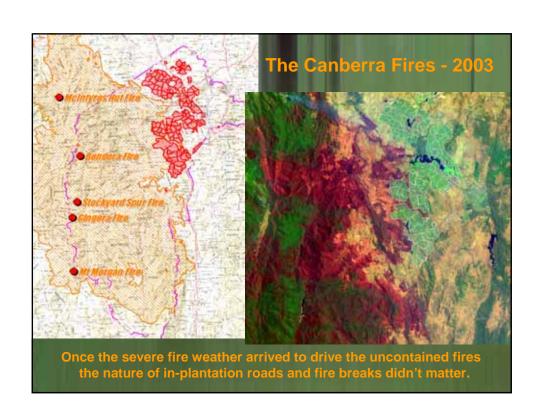






# Some Australian plantation loss events:

- Largest on record Ash Wednesday 1983 23,000 ha burnt. Fires burnt into plantations in severe fire weather.
- 2<sup>nd</sup> largest on record Canberra fires 2003 10,500
  ha burnt. Fires started some 20km from plantations
  entered plantations in severe weather 9 days later.
- 3<sup>rd</sup> largest on record? Bombala 1983 6,457 ha burnt. The fire started 28 km south from the plantation; burnt into the plantation 10 days later driven by a violent southerly change.
- Many others... in fact the greatest proportion of Australian losses is from fires starting outside plantations.



#### Reducing the risk of 'wipeout' fires

#### **Key factors:**

- Road and trail access to adjacent land.
- Investment in Hazard Reduction Burning in adjacent forest, or grazing of adjacent grassland.
- Detection coverage over adjacent land.
- Increasing levels of pre-emptive dispersal of Initial Attack Crews in increasing FDI.
- Authority, capability, and willingness to go well outside the plantation to contain fires on other land while they are small.



