Surveying for invasive plants after fire

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Impact types

- Direct
- Operational
Direct Impacts
Many weeds are early colonizers
Operational Impacts

Impacts occur during management of the fire

- Line construction
- Retardant and foam
- Mop-up
- Driving off-road
- Soil compaction
- Heli-spots
- Fire camp
- Burn outs
Disturbance plus vector = invasive plant spread
Where to survey?
Survey based on burn severity

Direct impacts
Fire retardant is fertilizer
Weeds at basecamp, spike camps, helispots
Equipment and people are vectors
Landscape strategies
Small fires, survey everything
Operational impacts, known infestation
<table>
<thead>
<tr>
<th>Fire size</th>
<th>Camps, helibase, drop points</th>
<th>Known infestations burned</th>
<th>Dozer lines</th>
<th>Hand lines</th>
<th>Retardant</th>
<th>High severity</th>
<th>Rare species habitat, sensitive habitat</th>
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Questions?
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