

Eastside Forest Management Update



George McFadden
Silviculturist
Oregon / Washington State Office
Bureau of Land Management

Eastside Forest Management Update



George McFadden
Silviculturist
Portland Puzzle Palace
Bureau of Land Management

Eastside Forest Management Update

- Topics
 - Bugs

Source: Smithsonian



Eastside Forest Management Update

- **Topics**
 - **Bugs**
 - **Burns**

Source: Bureau of Land Management



Eastside Forest Management Update

- **Topics**
 - **Bugs**
 - **Burns**
 - **Biomass**

Source: Wildland Fire Lessons Learned Center



Eastside Forest Management Update

- **Topics**
 - Bugs
 - Burns
 - Biomass
 - Burros

Source: Bureau of Land Management



Eastside Forest Management Update

Adopt a Horse: 866-4MUSTANGS (866-468-8264)



Source: Bureau of Land Management

2011 Oregon / Washington State SAF Convention

BLM





Wild Horse and Burro Program

Wild Horse & Burro Facts

35,000 on Open Range

26,000 Range Capacity

41,000 in BLM Care

220,000 Adopted Since 1971

Proposed 2012 Budget ?

\$75,008,000

Proposed PD Forestry Budget?

\$9,730,000

U.S. Department of the Interior
Bureau of Land Management

Caring for America's Wild Horses and Burros

Fundamental Reforms—An Overview



February 2011





Mountain Pine Beetle Mortality

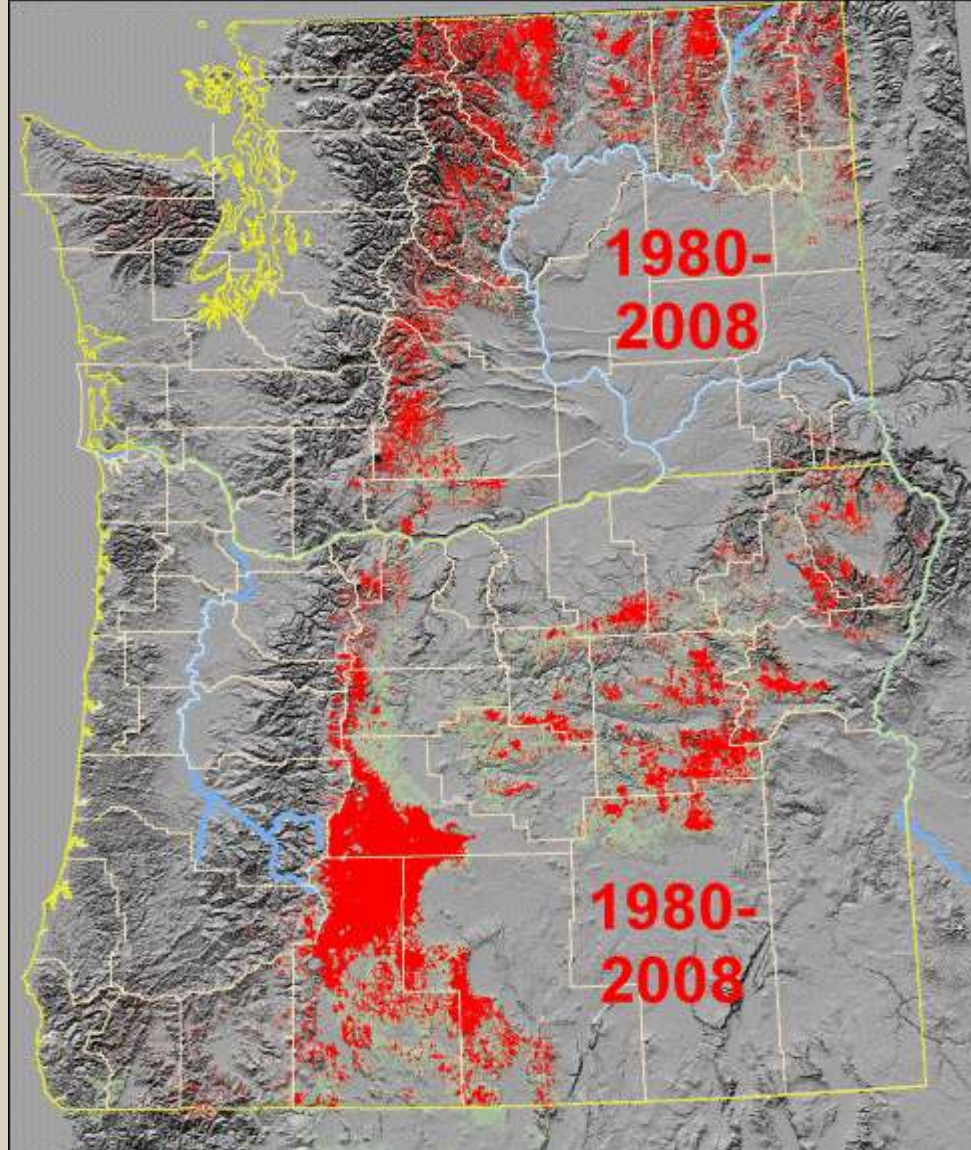


Source: Winema National Forest



Mountain Pine Beetle Mortality

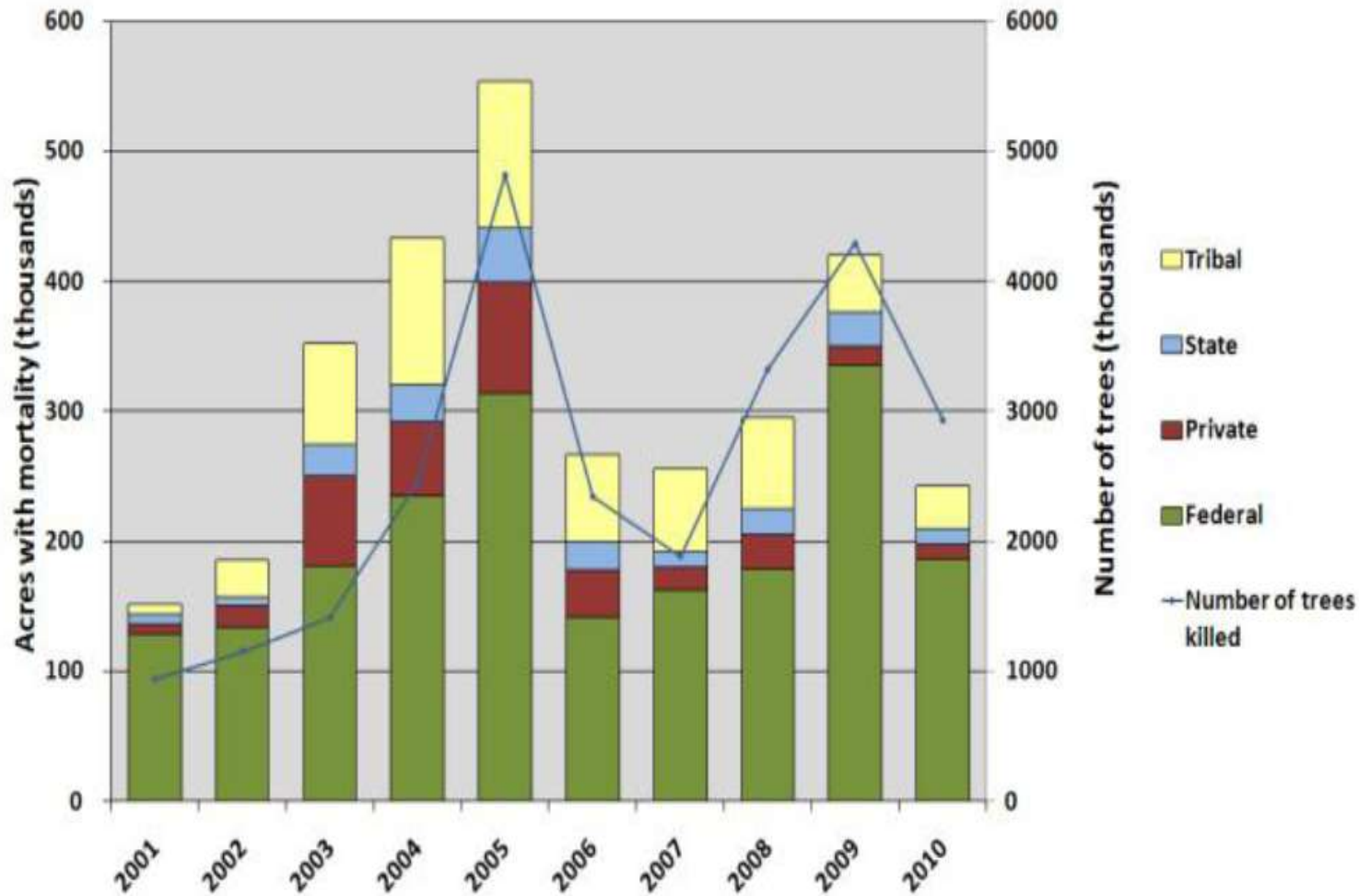
Source: USFS Forest Health Program





Mountain Pine Beetle Mortality

Source: Washington Department of Natural Resources

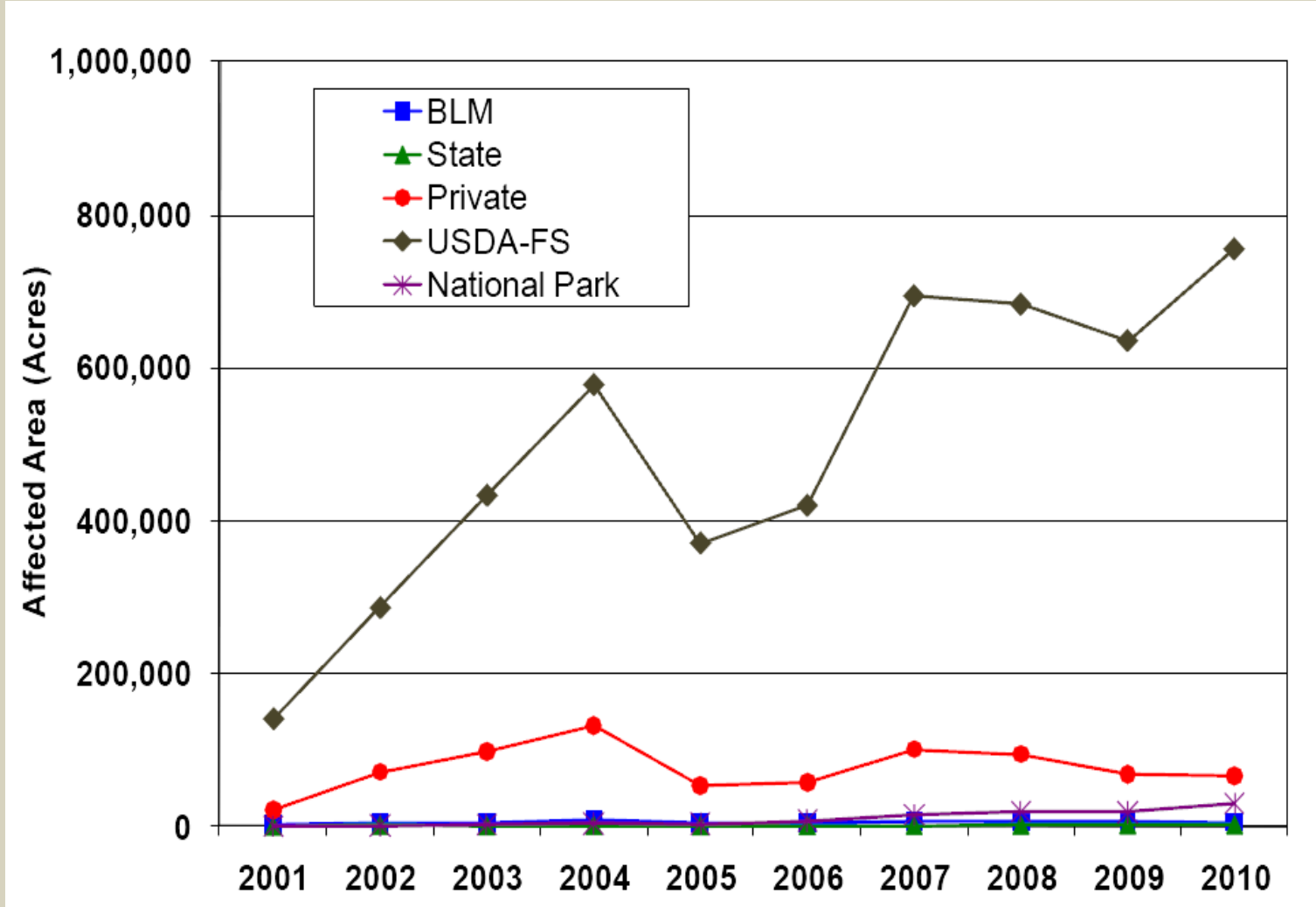


Ten year trend for total acres and number of trees affected by pine beetles in Washington



Mountain Pine Beetle Mortality

Source: Oregon Department of Forestry

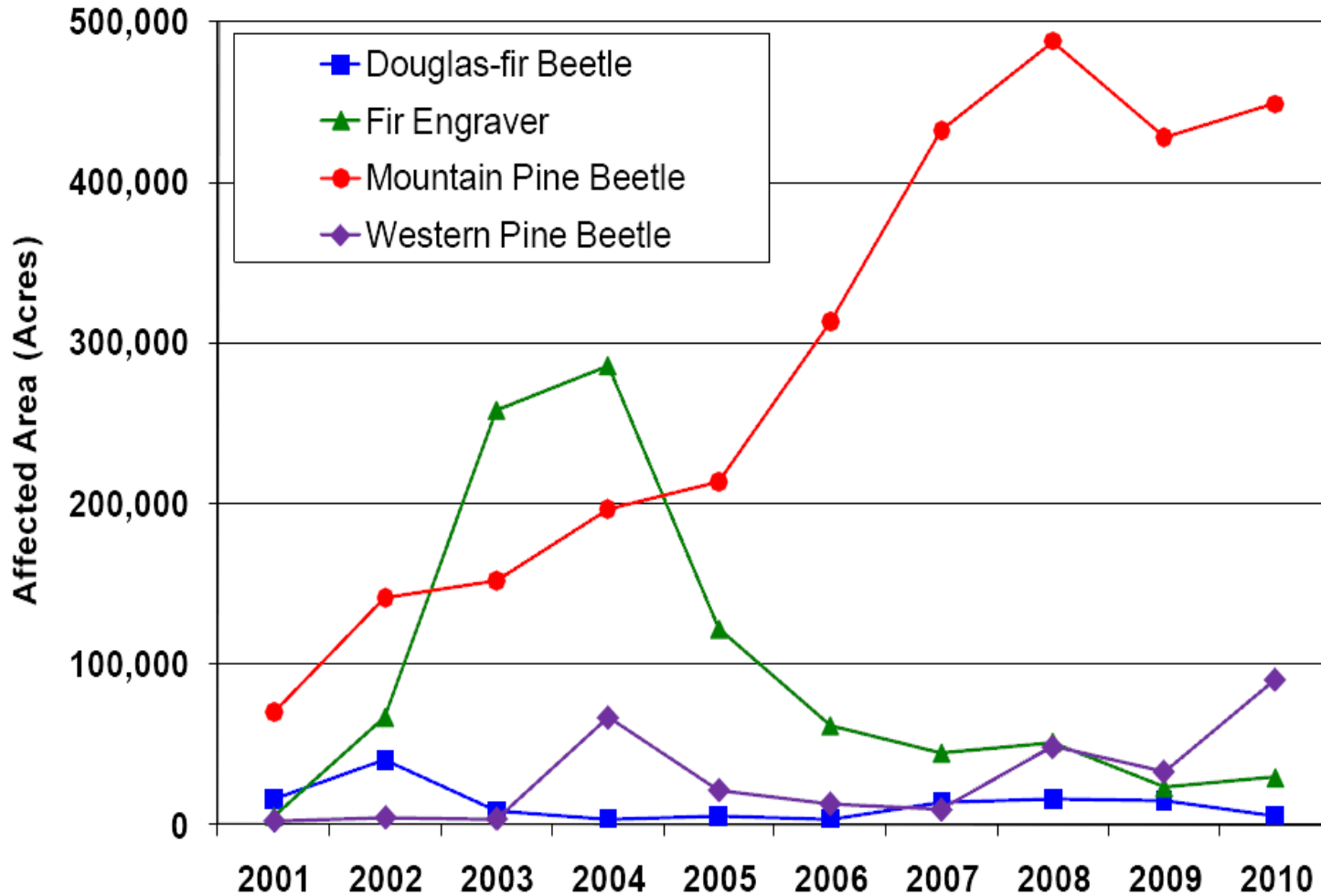


Total acres affected in Oregon by ownership between 2001 and 2010



Mountain Pine Beetle Mortality

Source: Oregon Department of Forestry



Total acres affected in Oregon by damaging agent between 2001 and 2010

Fir Engraver Mortality



Source: Bureau of Land Management

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Fire Mortality



Source: Bureau of Land Management





Eastside Burns

2006 Tripod Fire





Eastside Burns

Tripod Fire Intensity

Unthinned, No Burn



Source: USFS Fire and Environmental
Research Applications Team



Eastside Burns

Tripod Fire Intensity

Thinned, Underburn



Source: USFS Fire and Environmental
Research Applications Team



Eastside Burns

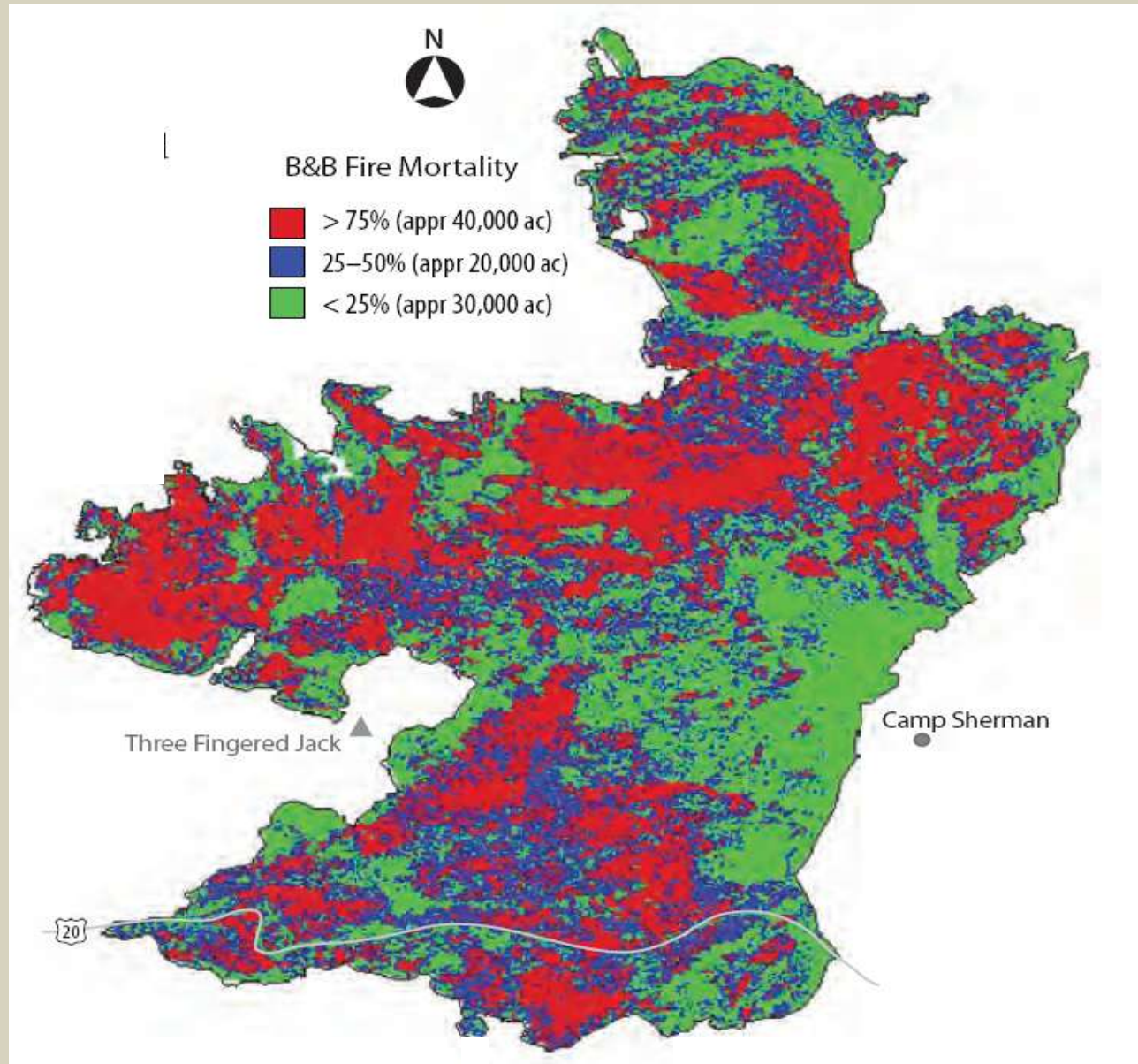
Tripod Fire Intensity

Prichard, Susan J.; Peterson, David L.; Jacobson, Kyle. 2010. **Fuel treatments reduce the severity of wildfire effects in dry mixed conifer forest, Washington, USA.** Canadian Journal of Forest Research. 40(8): 1615-1626

<http://www.fs.fed.us/pnw/fera/research/treatment/tripod/index.shtml>



Eastside Burns



Oregon Eastside Forests Restoration, Old Growth Protection and Jobs Act

Senator Wyden's legislation would require the Forest Service to identify areas of the forests that most urgently need restoration and would produce timber to support local mills, local jobs and rural infrastructure. The landscape scale projects of no less than 25,000 acres in each national forest each year would be developed over three years in collaboration with groups that include industry and conservation representatives and with an eastside scientific panel created by the legislation.

<http://wyden.senate.gov/issues/legislation/>





Eastside Biomass

Core Principles for Renewable Energy Policy

- I. Forest biomass must be a **part of any solution to meeting the nation's renewable energy goals**.
- II. Forest biomass from **federal lands must be eligible** and all sustainably managed forests, public or private, should be equally eligible to supply biomass.
- III. Ensuring the **sustainability of forest biomass** removals requires a flexible approach that draws upon the strength of existing mechanisms-adapted where necessary-to meet local conditions.
- IV. Federal policy and **funding should support state forestry agencies** as the primary level of government for ensuring forest biomass sustainability.
- V. Federal policy should **encourage market-based approaches** that respect property rights and avoid prescriptive requirements that effectively price biomass out of the range of feasibility.
- VI. Federal policy should **not artificially disadvantage one market** sector in favor of another.

Source: National Association of State Foresters

Biomass Barriers

Reliable Supply

- Gross Biomass Forest Stocks

- Technically Available Biomass Forest Stocks

- Economically Available Forest Stocks (Substitution)

Permitting

- Harvest Permit

- ESA and Clean Water Compliance

- Social License

Harvesting and Transportation

- Cost

- Equipment Needs

- Efficiency

- Research and Development

Demand

- End User Technology

- Clean Air Permit





BLM Biomass Sources

Plantation Thinnings



Timber Sale Landings



Juniper Removal

Source: Doug Wickizer, California Department of Forestry



Biomass Adaptation

BLM

2011 Oregon / Washington State SAF Convention



Source: Burks at Oregon Logging Conference

Biomass Technology

BLM

2011 Oregon / Washington State SAF Convention



Source: New Energy and Fuel (Pyrolysis)

Do Not Forget To Adopt a Horse

Adopt a Horse: 866-4MUSTANGS (866-468-8264)



Source: Bureau of Land Management

