



Sudden Oak Death in Oregon Forests

**Oregon Department of Forestry
Oregon Department of Agriculture
Oregon State University
USDA - Forest Service
USDI - Bureau of Land Management
Association of Oregon Counties**

Danny Norlander photo

Without treatment, disease intensifies and spread increases (Curry County, July, 2015)



Senator Merkley:

"Oregon has a long history of pioneering innovative ways to resolve urgent natural resource issues. I'm proud that in a time of political divisiveness, we in Oregon are coming together to tackle a pressing issue for our southern counties. Sudden Oak Death and EU1 are too great a problem for one agency or one level of government to solve. With the potential for devastating impacts on our local economy and environment, this task force will work collaboratively to look for more and better solutions to fight the pathogens."



Representative David Brock Smith:

"I am grateful to Senator Merkley for co-convening the Sudden Oak Death Task Force and am very appreciative of his deep understanding of this issue and its potential impact on our region."

ODF is the lead agency for survey, detection, monitoring, eradication treatments, for SOD infestations on privately owned land. ODF assists OSU with the SOD education and outreach program. ODA is the lead on quarantine administration and works cooperatively with ODF for disease free certification.



EU1 in the UK

Douglas-fir, western hemlock, grand fir, noble fir, Port Orford cedar occasionally found infected nearby infected larch stands.

DF between 4- 40 years observed infected with stem lesions, can girdle the tree.

Oregon Interagency SOD Program Funding Detail

| YEAR | USFS FHP Grant | USFS FHM Grant | ODF Pathologist & Brookings Office GF | ODF Eradication on Non-Federal Land | BLM Eradication on BLM Land | USFS Eradication on USFS Land (and local admin)* | Industry In-Kind *** | Private In-Kind **** | OISC Eradication Funds to ODF | State Parks Eradication on SP Land | ODOT Eradication on ODOT Land | USDA APHIS Eradication Funds to ODF | USDA APHIS Funds to ODF for Survey | USFS ARRA to ODF | BLM Survey/Treatment Funds to ODF | USFS R-5 FHP Monitor & Detect | Total Funding to ODF | Total Program Funding |
|--------------|------------------|----------------|---------------------------------------|-------------------------------------|-----------------------------|--|----------------------|----------------------|-------------------------------|------------------------------------|-------------------------------|-------------------------------------|------------------------------------|------------------|-----------------------------------|-------------------------------|----------------------|-----------------------|
| 2001 | 96,100 | | 25,000 | | | | | | | | | | | | | | 121,100 | 121,100 |
| 2002 | 200,000 | 58,400 | 50,000 | | | | | | | | | | | | | | 308,400 | 308,400 |
| 2003 | 160,000 | 62,000 | 70,000 | | | | 10,000 | | | | | | | | | | 292,000 | 302,000 |
| 2004 | 280,000 | 124,700 | 70,000 | | | | 10,000 | | | | | | | | | | 474,700 | 484,700 |
| 2005 | 100,000 | 30,000 | 70,000 | | | | 10,000 | | | | | | | | | | 200,000 | 210,000 |
| 2006 | 379,000 | 40,000 | 90,000 | 346,000 | | 5,000 | 10,000 | | | | | | 70,000 | | | | 925,000 | 940,000 |
| 2007 | 500,000 | 30,000 | 90,000 | 724,000 | 25,000 | | 10,000 | | | | | | 75,000 | | | | 1,419,000 | 1,454,000 |
| 2008 | 658,000 | 30,000 | 90,000 | 162,000 | 445,000 | 75,000 | 10,000 | | | | | 250,000 | 75,000 | | | 75,000 | 1,340,000 | 1,870,000 |
| 2009 | 159,200 | 30,000 | 150,000 | | 700,000 | 71,000 | 10,000 | | | | | | | | | 99,000 | 438,200 | 1,219,200 |
| 2010 | 484,000 | 35,000 | 95,000 | | 442,000 | | 10,000 | | | | | | | 2,692,000 | 89,000 | 50,000 | 3,445,000 | 3,897,000 |
| 2011 | 700,000 | 35,000 | 100,000 | 75,000 | 238,000 | | 57,000 | 150,000 | | 78,000 | 8,500 | | | | 269,000 | | 1,179,000 | 1,710,500 |
| 2012 | 540,000 | 35,000 | 185,000 | 75,000 | 447,000 | 230,000 | | | | | | | | | | | 835,000 | 1,512,000 |
| 2013 | 467,300 | 35,000 | 185,000 | 210,000 | 239,000 | 75,000 | 10,000 | | | | | | | 10,000 | | | 907,300 | 1,231,300 |
| 2014 | 375,000 | | 215,000 | 75,000 | 557,000 | 265,000 | 10,000 | | | | 10,000 | | | | | | 665,000 | 1,507,000 |
| 2015 | 625,000 | 65,000 | 215,000 | 75,000 | 450,000 | 225,000 | 10,000 | 5,000 | | | | 20,000 | | | | | 1,000,000 | 1,690,000 |
| 2016 | 336,500 | 80,500 | 215,000 | 275,000 | 467,000 | 425,000 | 10,000 | | | | | 20,000 | | | | | 927,000 | 1,829,000 |
| 2017 | 456,500 | 57,000 | 215,000 | 727,000 | 489,000 | 400,000 | 10,000 | | 81,000 | | | | | | | | 1,536,500 | 2,435,500 |
| 2018 | 586,000 | 40,000 | 215,000 | 1,000,000 | 328,784 | 562,997 | 10,000 | | | 201,256 | 133,431 | | | | | | 1,841,000 | 3,077,468 |
| 2019 | 336,000 | 27,000 | 215,000 | 1,700,000 | 458,749 | 507,000 | 10,000 | | | | | | | | | | 2,675,490 | 3,651,239 |
| 2020 | 336,000 | 27,000 | 215,000 | 150,000 | 237,000 | 775,000 | 10,000 | | | 15,774 | | | | | 500,000 | | 1,344,711 | 2,382,485 |
| Total | 7,774,600 | 841,600 | 2,775,000 | 5,594,000 | 5,523,533 | 3,615,997 | 217,000 | 155,000 | 81,000 | 295,030 | 151,931 | 290,000 | 220,000 | 2,702,000 | 858,000 | 224,000 | 21,874,401 | 31,832,892 |

COMMENTS

THESE COSTS DO NOT INCLUDE THE NURSERY PROGRAM COSTS (ODA)

THESE COSTS DO NOT INCLUDE RESEARCH FUNDS (OSU AND ELSEWHERE- approximately \$177,000 USFS funds in FY2018)

THESE COSTS DO NOT INCLUDE ADMIN. COSTS AT THE REGIONAL OFFICE.

In 2009, \$265,500 of original \$427,500 was returned to legislature because state could not show non-federal match.

*USFS FHP funds includes support for diagnostics on all land.

**Does not include BLM staff time, which was 144,000 in 2014 and 150,000 in 2015. BLM annual budget has been approx \$600,000 per yr; 250 USFS and 350 BLM, since at least 2009.

***Estimate from South Coast Lumber, includes staff time and treatments that were not reimbursed.

****Estimate, from Coos Curry Electric and various landowners participating in cost-share program, multiple years.

Given the projected state budget, the **SOD program is set to lose significant general fund to the program.**

HB 2663 introduced by Rep. Brock Smith **would restore the SOD budget** to current levels. The budget for the USFS and BLM is unknown at this time.

If HB 2663 is passed, we are hopeful of eradicating the EU1 strain which affects Douglas Fir and continuing to slow the spread of NA1 strain in oak species.

Partners on the SOD Task Force

- NRCS
- USFS
- Coquille Tribe
- Coos County
- Oregon Small Woodlands Assoc.
- City of Bookings
- Oregon Dept. of Agriculture
- Oregon Association of Nurseries
- Summit Strategies
- ODF
- Curry County
- USDA APHIS
- South Coast Lumber Company
- Wild Rivers Coast Alliance
- WEYCO
- BLM
- Governor's Regional Solutions Team
- OSU Extension
- Roseburg Lumber Company
- Olympic Resource Management
- Rayonier
- Tolowa Dee-Ni Nation
- Cow Creek Tribe
- Wild Rivers Coast Alliance
- City of Gold Beach
- OSU School of Forestry
- Josephine County
- Assoc. of Oregon Counties
- Easter Lilly Research Foundation
- Curry Watersheds Partnership
- ODOT
- Wild Rivers Forest Collaborative
- Business Oregon
- City of Port Orford
- Douglas County
- Wild Rivers Land Trust
- Oregon Forest Industries Council
- Port of Coos Bay
- Brookings/Harbor Chamber
- US Senator Jeff Merkley