

# BC Forest Professional

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## Additional Resources

### **Growing Mixtures of Red Alder and Douglas-Fir**

By Phil Comeau, PhD

#### **Link to full article:**

[http://www.abcfp.ca/publications\\_forms/BCFORmagazine/documents/BCFORPRO-2012-1\\_AllArticles/BCFORPRO-2012-1\\_Comeau.pdf](http://www.abcfp.ca/publications_forms/BCFORmagazine/documents/BCFORPRO-2012-1_AllArticles/BCFORPRO-2012-1_Comeau.pdf)

#### **Literature cited:**

- Binkley, D. 1983. Ecosystem production in Douglas-fir plantations – interaction of red alder and site fertility. *For. Ecol. Manage.* 5: 215-227.
- Binkley, D. 2003. Seven decades of stand development in mixed and pure stands of conifers and nitrogen-fixing red alder. *Can. J. For. Res.* 33: 2274-2279.
- Cole, E.C. and M. Newton 1986. Nutrient, moisture and light relations in 5-year-old Douglas-fir plantations under variable conditions. *Can. J. For. Res.* 16: 727-732.
- Comeau, P., P. Fielder, G. Harper, and K. Thomas. 2007. Assessing the competitive effects of red alder on coastal conifer plantations. *FORREX LINK* 9(1) article 13. [http://www.forrex.org/publications/link/ISS45/vol9\\_no1\\_art13.pdf](http://www.forrex.org/publications/link/ISS45/vol9_no1_art13.pdf)
- Cortini, F. and P.G. Comeau. 2008. Effects of red alder and paper birch competition on juvenile growth of three conifer species in southwestern British Columbia. *For. Ecol. Manage.* 256: 1795-1803.
- Miller, R.E. and M.D. Murray. 1978. The effects of red alder on growth of Douglas-fir. In: Briggs, D.G., D.S. DeBell, and W.A. Atkinson (eds.). 1978. Utilization and management of alder. USDA Forest Service General Technical Report PNW-70.
- Lavery, J.M., P.G. Comeau and C.E. Prescott. 2004. The influence of red alder patches on light, litterfall, and soil nutrients in adjacent conifer stands. *Can. J. For. Res.* 34: 56–64