



Options for the Management of White Pine Blister Rust in the Rocky Mountain Region

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CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 32 pages. Dimensions: 11.0in. x 8.5in. x 0.1in. White pine blister rust (WPBR) is an exotic, invasive fungal disease of white, stone, and foxtail pines (also referred to as white pines or five-needle pines) in the genus *Pinus* and subgenus *Strobus* (Price and others 1998). The disease, which is native to Asia, was accidentally introduced separately into eastern and western North America at the beginning of the 20th century. In the West, WPBR was introduced on infected eastern white pine (*Pinus strobus*) nursery stock shipped to Vancouver, B. C. , from France in 1910. Since then, the disease has spread into the distributions of most western white pines. Although all of the North American white pine species are susceptible to WPBR (Bingham 1972, Hoff and others 1980), it was once thought that the remote, dry habitats occupied by the noncommercial, high elevation white pines would not support rust establishment. Unfortunately, WPBR can now be found in many of these areas. *Cronartium ribicola*, the fungus that causes WPBR, requires an alternate host currants and gooseberries in the genus *Ribes* and possibly species of *Pedicularis* and *Castilleja* (McDonald and...



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