

UF/IFAS Extension

Solutions for Your Life



Uruguay

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In Uruguay, mandarins and Navels are grown almost exclusively for fresh fruit export. Most of the citrus in the northwest region of the country, where growers have been contending with canker for many years, is protected with living windbreaks for not only canker management, but for windscar reduction. Although canker is present throughout the country, repeated Cu sprays and windbreaks allow them to ship canker-free fruit. The primary plant species used as a windbreak is *Casuarina cunninghamiana*, but growers also have experience with Eucalyptus and silk oak (*Grevillea*). Cold air drainage through windbreaks on frost nights is a concern. The average area of new orchards is only six acres as there are no new plantings without windbreaks.

(Narrative and photos provided by Jim Syvertsen)



Fig. 1. A *Casuarina cunninghamiana* windbreak planted as two offset rows.



Fig. 2. A young *Casuarina cunninghamiana* windbreak.



Fig. 3. *Casuarina cunninghamiana* is a common windbreak in Uruguay.



Fig. 4. Casuarina windbreaks in a contour planting of citrus trees.



Fig. 5. Casuarina windbreak trees newly planted along the right-hand side of the grove roadway.

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