

## Fact Sheet

# 'Tangoio'

*Salix matsudana* × *alba*

NZ 1040



THE NEW ZEALAND  
POPLAR & WILLOW RESEARCH TRUST

'Tangoio' is a New Zealand-bred tree willow hybrid cross of *S. matsudana*, the Peking willow from China, and *S. alba*, the white willow from Europe.

## Characteristics

'Tangoio' is a tree willow clone with upright branching, a moderately spreading crown, and a straight stem. The tree stems have a wood basic density of 412 kg m<sup>-3</sup>. It is a female willow clone, that has non-brittle branches with a high wind tolerance, and non-bitter leaves. It flowers from late September to mid-October.

The leaves are narrow, lanceolate in shape, with a light-green upper and lower surface. The leaf midrib and lateral veins are green, and the petiole is red. The leaves are susceptible to infection by *Melampsora coleosporioides* leaf rust fungi, and to attack by the willow gall sawfly (*Euura proxima*) with the formation of many leaf galls.

## Uses

'Tangoio' is drought tolerant and suitable for soil conservation use in wide-spaced planting for slope stabilisation in pastoral hill country. It has proven to be well adapted to a wide range of environmental conditions. It has performed well on alluvial silt loam soils with trees at 38 years old having a height of 26 m, stem diameter at breast height (1.4 m) of 92 cm, and a crown width of 20 m.



Trees of the 'Tangoio' willow clone on a hillside in the Wairarapa region.



Leaf of the 'Tangoio' willow clone, showing the upper (left) and lower (right) surfaces.



Stem bark of the 'Tangoio' willow clone.

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