

Fact Sheet

'Fraser'

Populus deltoides x *P. nigra*

NZ 5017



THE NEW ZEALAND
POPLAR & WILLOW RESEARCH TRUST

'Fraser' is a *P. x euramericana* hybrid, resulting from a 1980 NZ cross between *P. deltoides* and *P. nigra* 'Italica'. It was first released commercially in 1996.

Characteristics

'Fraser' leaves are very similar to those of 'Veronese', with red veins, a straight base and a slightly undulating leaf margin. The leaves are dark green above and light green below.

'Fraser' has a narrow-medium sized crown, with only a few heavy limbs. 'Fraser' is the only male in the 1980 series of *P. x euramericana* hybrids.

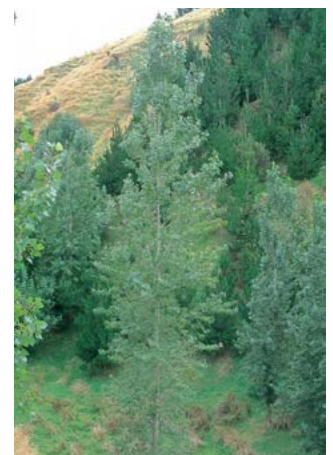
Uses

'Fraser' is suitable for general soil conservation use, particularly in drier eastern regions. 'Fraser' is typically used on lower slopes, below 'Argyle' and 'Veronese'.

'Fraser' has less rust resistance than the other *P. x euramericana* hybrids, and is possum palatable.

Performance

'Fraser' ranked average amongst other clones in trials at Wairarapa (ann. rainfall 850 mm) and Otago (ann. rainfall 600 mm). In Wairarapa, 'Fraser' at age 12 had an average diameter (dbh) of 30 cm (c.f. Weraiti 36 cm, 'Kawa' 27 cm), and an average height of 17.0 m (c.f. 'Weraiti' 17.9 m, 'Kawa' 15.4 m). At Henley in Otago at the same age average dbh for 'Fraser' was 17 cm (23.8 for 'Weraiti' and 20.7 cm for 'Otahua') and height was 13.6 m (14.4 m for 'Weraiti' and 11.6 m for 'Otahua').



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