May 2025

Fact Sheet

‘Dudley’
Populusdeltoidesx P. nigra
NZ 5022

THE NEW ZEALAND
POPLAR & WILLOW RESEARCH TRUST

‘Dudley’ 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 2000. A NZ PVR application is pending.





Characteristics

‘Dudley’ 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.

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

Uses

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

‘Dudley’ has less rust resistance than the other *P. x euramericana* hybrids, and is possum palatable.

Performance

‘Dudley’ ranked average amongst other clones in trials at Wairarapa (ann. rainfall 850 mm) and Otago (ann. rainfall 600 mm). In Wairarapa, ‘Dudley’ at age 12 had an average diameter (dbh) of 30 cm (c.f. Weraiti 36 cm, ‘Kawa’ 27 cm), and an average height of 16.2 m (c.f. ‘Weraiti’ 17.9 m, ‘Kawa’ 15.4 m). However at the same age in Manawatu (ann. rainfall 1200 mm) average dbh for ‘Dudley’ was 22 cm (12th lowest of the 14 named clones).

DISCLAIMER: While every effort has been made to ensure the information in this fact sheet is accurate, The New Zealand Poplar and Willow Research Trust (NZPWRT) and New Zealand Institute for Plant and Food Research Limited (Plant & Food Research) cannot guarantee its accuracy and does not give any assurance as to the suitability of any such information for any particular use. NZPWRT and Plant & Food Research will not be liable in any way for any loss, damages or costs which may be incurred by any person in relation to this information.

Plant & Food Research
Rangahau Ahumāra Kai