

## CURRENT POPLAR AND WILLOW TRIALS

### Poplars

- 2010 A shelterbelt trial of *P. maximowiczii* × *nigra* × *nigra* clones was established on farms in Southland in three different climatic zones
- 2009 Two trials of new poplar clones were established on farmland near Waipukurau, Central Hawke's Bay
- 2003 Three nursery based trials established in Palmerston North, Nelson and Clyde to assess the regional suitability of a selection of 1998 crosses suitable for shelterbelt and hillslope stabilisation are undergoing selection
- 1999-2001 Six wide-spaced poplar clonal selection trials were established in six different climatic locations to test the efficacy of four experimental maxi-nigra hybrid clones, have undergone selection and are being assessed for release
- 1998 Fourteen experimental poplar clonal trials were planted on farmland in the Taranaki region
- 1998 Two close-spaced poplar clonal selection trials were established at Gisborne and Te Kuiti to evaluate the timber potential of five experimental clones resulting from 1992-3 crosses
- 1993-1996 Between 1993 and 1996, the following poplar trials were planted, but the personnel involved have left HortResearch and evaluation and reporting have yet to be done:
- Ten nelder poplar trials using clones 'Tasman', 'Pakai', 'Toa', 'Kawa', 'Argyle', 'Veronese' and 'Eridano' were planted in Hawke's Bay, Wairarapa and in Manawatu for the assessment of poplar agroforestry potential. (Some of these trials were assessed in 2003 but no subsequent assessment or reporting has been carried out)
  - Two split block designs with a single clone at six spacings
  - Two split designs with five clones and two spacings
  - Eighteen permanent sample plot (PSP) plantations with 100+ trees.

### Willows

- 2010 Two field trials of *S. lasiandra* clones were established on farms in Central Hawke's Bay.
- 2005 Two nursery-based trials were established in Wairarapa and Hawke's Bay to assess form and tolerance to willow sawfly of 10 experimental male *S. lasiandra* clones.
- 2003 Two nursery based trials were established in Whangarei and Wairoa to determine tolerance of a range of clones to willow sawfly *Nematus oligospilus*.