



FACTSHEET 04

Seed Orchard of Hybrid larch 'Truust FP.636'



KEY FACTS:

- **Species:** Larix eurolepis (Hybrid larch)
- **Orchard Code and Name:** FP.636
- **Category:** Qualified
- **Altitude of Planting:** 45 metres.
- **Source of Clones:** Zagnańsk, Poland (European Larch) & Japan (Japanese larch)
- **Site suitability:** Hybrid larch thrives in a wide range of conditions. They perform best on moist, well drained, moderately fertile soils. Waterlogged and very dry sites are not suitable.
- **Establishment:** Larch can be planted as a pure crop or it can be planted as a mixture with hardwoods and Douglas fir. Suggested planting density of 2,000-2,500 stems/ha.
- **Timber use, marketing & processing:** Produces a very durable and strong timber. Small diameter roundwood of larch will usually be sold for woodfuel rather than pulp or particle board. Mid rotation thinning are typically sold to larger mills for fencing or cladding. As the crop matures other opportunities include premium cladding and boat building.

SUMMARY:

This seed orchard consists of 'Plus Trees' from European larch that have been selected from Danish provenance tests and also Japanese larch selected in the seed orchard C.E. Flensburg 601. The seed orchard has been well designed and it has been documented that flowering among the clones is well balanced resulting in a high percentage of hybrids.

The European & Japanese larch clones which are part of this orchard have been tested and have shown significant gain on stem form, specific density and growth vigour. It must be expected that progeny of FP.636 will have the same genetic qualities.



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Source of Japanese larch Clones



Source of European larch Clones



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References:

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 SAVILL, PETER S (2013) *The Silviculture of trees used in British forestry 2nd ed.*

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