

Choosing an Improved Sitka spruce planting stock



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A sample of Sitka spruce commercial family mixtures

Identity no.	Diameter	Predicted percentage gain over QCI			
		Density	Straightness	Branching	H or F sib
psi04(PF79TE)	4	12	15	6	F
psi04(PF80TE)	18	0	31	14	F
psi04(PF81TE)	14	4	20	10	F
psi04(PF82TE)	19	2	12	9	F
psi04(PF83TE)	11	8	17	12	F
psi04(PF84TE)	7	8	12	18	F
psi01(PF85TE)	20	1	19	-	H
psi04(PF86TE)	24	-12	25	15	F
psi04(PF87TE)	23	-6	16	16	F
psi04(PF88TE)	11	8	17	12	F
psi96(PF89TE)	16	-2	11	-	F
psi89(PF90TE)	13	3	4	-	F
psi93(PF91TE)	25	-14	10	-	F

Check out: <http://www.forestresearch.gov.uk/treeimprovement>

There are a number of issues for managers to weigh up.

- Full-sib v Half-sib
- Vigour v Density
- How important is straightness?
- What about branches?
- What about the inside of the wood?
- What about uniformity of the stand?
- Which should I select?



Tree Breeders try to deliver what is demanded by the grower

- What are your objectives?
- What is demanded?
- Precautionary principle
- Offer a choice
- Act on information from the timber quality people.

