

# Nursery Survey 2010

2 September 2010

This release gives estimates of sales of improved nursery stock by nurseries in Great Britain for the planting year October 2008 to September 2009. The figures cover sales of Sitka spruce and Scots pine to Scotland. Total sales of these species are also reported.

The main results from the survey are that, of sales of Sitka spruce and Scots pine by nurseries in Great Britain:

- 91% of sales to Scotland in 2008/09 were derived from improved basic material, an increase from 87% in 2007/08.
- 91% of all sales in 2008/09 were derived from improved basic material, an increase from 86% in 2007/08.

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Table 1: Sales of nursery stock<sup>1</sup> to Scotland, 2005/06 to 2008/09

	Sitka spruce			Scots Pine	million plants
	Seedlings	VP <sup>2</sup>	Total		Total
Total stock					
2005/06	21.1	3.5	24.5	2.9	27.4
2006/07	18.4	3.7	22.1	4.2	26.3
2007/08	19.9	5.3	25.2	3.5	28.7
2008/09	20.5	6.1	26.6	3.8	30.4
Improved stock					
2005/06	17.2	3.5	20.6	1.7	22.3
2006/07	15.7	3.7	19.4	2.6	22.0
2007/08	18.0	5.3	23.4	1.7	25.0
2008/09	20.0	6.1	26.1	1.5	27.6
% Improved					
2005/06	81%	100%	84%	57%	81%
2006/07	85%	100%	88%	62%	84%
2007/08	91%	100%	93%	47%	87%
2008/09	98%	100%	98%	41%	91%

Note:

(1) Results for respondents only. This is estimated to account for around 95% of all sales of Sitka spruce and Scots pine.

(2) VP = vegetative propagation.

(3) Years are planting years, running from October to September.

Table 2: Total sales (all GB) of nursery stock<sup>1</sup>, 2005/06 to 2008/09

	Sitka spruce			Scots Pine	million plants
	Seedlings	VP <sup>2</sup>	Total		Total
Total stock					
2005/06	26.9	5.7	32.6	4.0	36.7
2006/07	25.7	6.3	32.0	5.9	37.9
2007/08	29.8	7.3	37.1	5.1	42.2
2008/09	26.0	8.1	34.1	5.5	39.6
Improved stock					
2005/06	20.4	5.7	26.2	2.4	28.5
2006/07	20.7	6.3	27.0	3.9	30.9
2007/08	26.3	7.3	33.5	2.7	36.2
2008/09	24.9	8.1	33.0	3.1	36.2
% Improved					
2005/06	76%	100%	80%	58%	78%
2006/07	80%	100%	84%	66%	82%
2007/08	88%	100%	90%	53%	86%
2008/09	96%	100%	97%	57%	91%

Note:

(1) Results for respondents only. This is estimated to account for around 95% of all sales of Sitka spruce and Scots pine.

(2) VP = vegetative propagation.

(3) Years are planting years, running from October to September.

## Background

The figures in this release have been obtained from a voluntary survey of nursery businesses in Great Britain, run on behalf of Forestry Commission Scotland.

The survey was set up to monitor the level of use of improved nursery stock in Scotland annually, as part of the system for reporting progress over the intended 10 year life of the current Scottish Forestry Strategy 2006 (SFS).

For the 2008/09 survey, questionnaires were issued to a total of 23 nurseries (including the 3 Forestry Commission nurseries). A total of 16 responses (including nil responses) were received, giving a response rate of 70%.

The assistance of the Confederation of Forest Industries (ConFor) and the nursery trade in the running of this survey and the provision of data are gratefully acknowledged.

## Definition of Improved Stock

Species	Definition
Sitka spruce: Seedlings	Seed orchard material that falls in the tested category under the UK Forest Reproductive Material Regulations. This material will have superior performance for growth rate and stem form relative to untested material.
Sitka spruce: VP	Vegetatively propagated tested 'family mixture' material (either half or full sib families). This material is derived from controlled cross-pollination and then multiplied using vegetative propagation. This stock has significant genetic gains for both quality and quantity traits.
Scots pine	Seed orchard material that falls in the tested category under the EU Forest Reproductive Material Regulations. This material will have superior performance for growth rate and stem form relative to untested material.

'Tested' means material derived from the selection of individual trees or stands that have undergone evaluation for genetic quality and have been shown to be superior, in comparison to accepted standards.

Figures in the table are individually rounded, so the constituent items may not sum to the totals given.

## Official Statistics:

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