

# ColdNSure test for tree seedlings



You purchased a ColdNSure test which allows you to accurately monitor the freezing tolerance of your forest tree seedlings in order to determine the optimal moment for frozen storage. Based on 1 sample, NSure is able to determine the actual freezing tolerance stage, which can be used to compare batches and as a decision tool for storage planning and frost protection actions.

## Specifications

- Species: Scots Pine (*Pinus sylvestris*), Norway Spruce (*Picea abies*) and Douglas fir (*Pseudotsuga menziesii*).
- Only intended for the analysis of forest tree seedlings of 1 or 2 years old during the period that they are developing freezing tolerance.
- The test result is a classification in a specific freezing tolerance stage, running from cold sensitive, via developing freezing tolerance to full freezing tolerant.



## Turnaround time

You will receive a confirmation e-mail as soon as your sample arrives at the NSure laboratory. Within 2 working days after receipt of your samples, we will send you the analysis result by e-mail or fax. Result within 24 hours? Mark the URGENT box when you register your sample. A 15% fee applies.

## General conditions

It is the responsibility of the user to make a representative selection of the seedlings, to sample the correct variety, and to take care of a correct execution of supplied sampling protocol.

Our general conditions of sales (<http://www.nsure.nl/info/en/50/general-conditions.html>) apply to this product.

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### Content of the kit per sample

Sampling card (1)	FTA© Micro Card with a black circle in which the juice sample must be applied (© FTA technology is a trademark of Whatman)
Extraction vial (1)	Plastic vial containing extraction fluid. Not for consumption, MSDS available on request
Pipette (1)	To apply the sample on the sample card
Pestle (1)	For grinding of the plant tissue
Sealable bag (1)	Sealable bag with a package of drying agent, for storage of the dry sample card
Return envelope (1)	In which to return the sample card

Storage directions: Preserve all components at room temperature, dry and in the dark.

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