

BIBLIOGRAPHY OF FROST DAMAGE

IN TREE NURSERIES

BY

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ABSTRACT

This bibliography contains 90 references, mainly from North American sources, grouped under three headings: Type of Frost and Frost Nucleating Agents, Recognition and Damage, and Protection.

RESUME

Cette bibliographie contient 90 références surtout nord-américaines et groupées sous les trois titres suivants: "Types de gel et nucléo-éléments du gel", "Reconnaissance et dégâts", puis, "Protection".

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INTRODUCTION

This bibliography on frost damage in tree nurseries was compiled to enable a more complete review of frost damage problems in North America. Titles are arranged alphabetically by author under three headings: Type of Frost and Frost Nucleating Agents, Recognition and Damage, and Protection.

The degree of complexity in the reaction of frost damage depends on whether the damage results directly from frost or indirectly from heaving and mechanical action by ice. Frost damage results in multiple growth effects that alter the branching habit and may even result in permanent or temporary stunting. These references about the various problems in tree nurseries can help the nurseryman make correct diagnoses and anticipate host reactions. However, elusive host reactions can result if seedlings have been treated previously with herbicides, surfactants, or chemicals that induce dormancy.

Although most of this bibliography is North American, research from other parts of the world has been included that deals with protection methods that may be of interest to Canadian nurserymen.

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