Using the Christmas Tree Pest Management Guide

The Christmas Tree Pest Management Guide is a simplified and comprehensive document that outlines registered pesticide products intended for the control of pests in Christmas trees and balsam firs. This document is meant to be the initial tool in pesticide decisions. Application should be further informed by the Christmas Tree Pest Management spreadsheet and pesticide labels. Information on pest management per the Pest Management Regulatory Agency of Health Canada is continuously changing and therefore can cease to be current or accurate; pesticide labels are therefore the best source for information.

Accessing Resources

All resources can be located at Perennia.ca/resources

Always check with your processor or buyer to see what products are allowable for their markets before applying to a crop.

The Guide to Weed, Insect, and Disease Management in Christmas Trees is designed to make quick decisions and as a reference for possible pest control options. Pesticide applicators are ultimately responsible for the proper use and application of recommended products.

The Christmas Tree Pest Management Guide is divided into three major sections which provide specific information with regards to their designation. Each section includes information on the pest, group, the active ingredient, pesticide product name, recommended rate, restricted entry interval, and any additional comments or remarks on the product. The three sections include:

Control of weeds and ground competition	Control of insects	Product toxicity

Choosing the Right Pest Management Product

Practical use of the Pest Management Guide is quite straight forward.

By opening or downloading the guide with a PDF reader you can use the function *"Ctrl"* or *"Cmd" F* to search for keywords that can help to you identify potential control options designated for specific pest management.

Using the *find* function:

1. Open the Christmas Tree Pest Management document in a PDF reader.

2. Search the desired pest using: *"Ctrl"* or *"Cmd"* F; this will open up a search bar at the top of your page.

3. The number of search results will be listed and you can scroll through highlighted terms.

4. In the columns adjacent to your targeted pest, relevant information related to the rate and specific timing of application will be listed.

The table with information related to weeds and ground competition is broken down into two categories: Pre-Emergence and Post-Emergence. Proper herbicide application will require the identification of Broad Leaf and Grass Weed species. The table with information related to pesticides are broken down by individual target insect. The remarks for insects are a bit more detailed as there is more information necessary for their application.

Within this document, products under the pesticide product name will be written in blue and underlined. By clicking on the product's common names as its distributed by, it will open up the pesticide label designated by Health Canada.

Safety Tips

Page 12 of the Christmas Tree Pest Management Guide Identifies products and their toxicity.

The Toxicity table references EXTOXNET and Individual Product MSDS sheets. Pay attention to the product toxicity when implementing safe application procedures to avoid risk associated with exposure to herbicides and pesticides. Refer to page 13 for Pesticide Emergency Contact Information, general abbreviations, and conversion factors.