



**BRITISH
COLUMBIA**

The Best Place on Earth

Invasive Alien Plant Program

REFERENCE GUIDE

Part I

Module 1.1

Prepared by Range Branch

Ministry of Forests and Range

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MODULE 1.1 3

INTRODUCTION TO THE MINISTRY OF FORESTS AND RANGE INVASIVE PLANT PROGRAM REFERENCE GUIDE 3

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MODULE 1.1

INTRODUCTION TO THE MINISTRY OF FORESTS AND RANGE INVASIVE PLANT PROGRAM REFERENCE GUIDE

The Ministry of Forests and Range Invasive Plant Program reference guide is a resource manual for all agencies and partners involved in invasive plant management in British Columbia. The guide is divided into four parts:

- Part 1:** Understanding the business of invasive plant management;
- Part 2:** Using the Invasive Alien Plant Program (IAPP) application Data Entry module;
- Part 3:** Using the IAPP application Map Display module; and
- Part 4:** Appendices.

Part 1 covers the business of invasive plant management, including prevention, planning, inventory, monitoring, and different treatments. Part 2 contains the complete user manual for the IAPP application Data Entry module, while Part 3 provides the manual for the IAPP Map Display module. And finally, Part 4 contains the appendices for Parts 1–3. Each part is divided into a number of modules, which are briefly described below for easy reference and access.



1- FIELD SCABIOUS

PART 1

Following this introduction to the reference guide, Module 1.2 provides an introduction to invasive plants, describes the ministry's Invasive Plant Program, and lists relevant legislative requirements. Invasive plant prevention and program planning are outlined in Modules 1.3 and 1.4, respectively. Module 1.5 presents invasive plant inventory standards and describes field preparation and inventory methods. Data collection procedures are outlined, and detailed descriptions of the Site and Invasive Plant Inventory Record and the Photo Plot Record Form are provided. Mechanical, chemical, and biological methods are used for treating



invasive plants. Modules 1.7, 1.8, and 1.9 describe these treatments, respectively, and provide instructions on completing the associated forms: Invasive Plant Chemical & Mechanical Treatment Record and the Biological Control Agent Release Record. These modules also include information about monitoring treatment activities, and provide instructions for completing the following monitoring forms: Chemical & Mechanical Monitoring Record, the Biological Control Agent Establishment Monitoring Record, and the Biological Control Agent Dispersal Monitoring Record.

PART 2

Part 2 provides explicit instructions on how to access and use the IAPP application Data Entry module to its full potential for entering, querying, and reporting on attribute data. Module 2.1 covers why the data entry application was created, defines various database "user roles," describes how to access the database, explains how to navigate in the database, and describes key functions and features. Modules 2.2 and 2.3 describe the details on adding a new site, and adding invasive plant species and surveys to an existing site; Module 2.4 explains how to add images to site and treatment records. Modules 2.5, 2.6 and 2.7 detail the process of adding and editing mechanical, chemical and biological treatment and monitoring records, respectively. Module 2.8 explains how enter biological dispersal records. Module 2.9 allows users to fully understand the use of the Within Agency Administrative Area module, and Module 2.10 describes how to use containment lines. Module 2.11 offers background information and tips on how to best conduct searches and generate extracts and reports. Module 2.12 explains the planning features within the IAPP application Data Entry module.



PART 3

Part 3 explains how to ensure maximum benefit and optimal information gathering by using the IAPP application Map Display module and its built-in Report-A-Weed



tool. Consisting of four modules, it covers everything a user needs to know to access, display, and report specific information. Module 3.1 introduces the Map Display module, and Module 3.2 describes the layers and tools available. Specific invasive plant layers and display functions are explained in Module 3.3. Module 3.4 presents the "Report-A-Weed" wizard and explains how to report a new invasive plant sighting.

PART 4

The appendices in Part 4 contain all field forms; a calibration form for backpack herbicide application; a code index for invasive plant species, treatments, distribution, and density classes; and a list of additional resources.

The image displays three overlapping forms from the Invasive Alien Plant Program. The top form is the 'CHEMICAL OR MECHANICAL MONITORING RECORD'. The middle form is the 'INVASIVE PLANT CHEMICAL & MECHANICAL TREATMENT RECORD'. The bottom form is the 'IAPP Site & Invasive Plant Survey Record', which is the most detailed and includes the following sections:

- Site Details:** Includes fields for Jurisdiction, UTM Zone, UTM Easting, UTM Northing, Site Soil Texture, Slope, Aspect, and Elevation (m).
- Invasive Plant Survey Details:** Includes Survey Agency, Invasive Plants (Species name or code, Dimension or ID), Area, UTM Grid, UTM Priority Code, Survey Type, and Proposed Activity.
- Site Images Details:** Includes Date Taken, Reference No., Perspectives, and Image Comments.

