

Canadian Forest Pest Management Database



CFPM
DATABASE

www.glfc.cfs.nrcan.gc.ca/cfpm

CFS-TEMBEC -FRP



KNOWLEDGE IS POWER

The Canadian Forest Pest Management (CFPM) Database provides direct access to the latest knowledge and compiles topic specific scientific information accrued since 1980

A Synthesis of Knowledge



- Insect, disease and vegetation management



- chemical, manual, mechanical, biological, & silvicultural techniques



- growth response, competition, efficacy, environmental acceptability, cost-effectiveness



A Vehicle for Technology Transfer

CFPM database allows easy and rapid access to data and information that will

- accelerate incorporation of science into operational best management practices
- identify management options supported by "weight of evidence"
- enhance awareness of environmental issues
- provide data & information for metanalysis (e.g. growth-response, crop tolerance)
- identify data gaps & research opportunities
- be the basis for decision support and future artificial intelligence systems
- provide direct linkage to related data and information sources
- facilitate FSC certification



CFPM Database

Universal Access

- anyone with internet access - FREE!

Comprehensive

- all aspects of forest pest management pertinent in Canada
1980- present

Topic Specific

- one stop shopping

Abstracts included for quick reference

Current

- records are routinely selected from a variety of sources and added to the database; users can also submit their own records for inclusion
- Full Query Functionality
- allows for quick synthesis of knowledge and metanalysis relating to virtually any question pertaining to CFPM

Links to other information sources

- e.g. national forestry database



Potential Future Developments

- Addition of further historical records (back to 1960?)
- Addition of relevant US records
- Addition of geo-reference for field experiment records
- Addition of a geographic interface
- Addition of government documents/gray literature
- Addition of basic biological and autecological information on key pests, diseases and competing vegetation



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Technical & Logistical Support

D. Basham, A. Stinson, S. Cuddy



Query Techniques

■ Search by Field

■ Recommended method for most searches

vegetation management (> 1000 records)

vegetation management and chemical (619 records)

Vegetation management/chemical/glyphosate (301)

Vegetation management/chemical/glyphosate/Sb (25)

■ Search all fields

■ primarily for specified words in title or abstract

insect and biological (741)

■ Advanced search

■ designed for highly specific searches

Thompson, triclopyr, soil, New Brunswick (3)

Spruce budworm (434)

Spruce budworm/ecotoxicology (38)

Spruce budworm/efficacy (16)

Spruce budworm/efficacy/Ontario (5)

CFPM Database

Check It Out!!

