

# Section 1

## How Pesticides Are Regulated

**Grower Pesticide Safety Course Manual © 2006**

**The page number at the top right corner of each slide tells you where to find the information in the Grower Pesticide Safety Course Manual. Follow along in your manual as you review each slide.**

# Pesticides include

Reference Page 1

- Insecticides
- Herbicides
- Fungicides
- Rodenticides
- Miticides
- Nematicides
- Avicides
- Bactericides
- Growth regulators
- Adjuvants



# Federal Legislation

## **Pest Control Products Act (PCPA)**

<http://laws.justice.gc.ca/en/P-9/index.html>

## **Health Canada**

## **Pest Management Regulatory Agency (PMRA)**

<http://www.pmra-arla.gc.ca/>

- **Health Evaluation**
- **Environmental Evaluation**
- **Product Evaluation**



# Emergency Use Registrations

Reference Page 3

## **3 Criteria**

- 1. pest outbreak occurs that causes significant economic, environmental or health problems**
- 2. no product is registered in Canada for control of that pest**
- 3. no alternative control method is available**

# Emergency Registration:

This product is registered for sale for use on soybeans in Manitoba, Ontario, Quebec, Nova Scotia, New Brunswick and Prince Edward Island only.

The Registration for this product expires November 30, 2009.

## Summary of Emergency Use Registrations in Ontario

[www.omafra.gov.on.ca/english/crops/minoruse/emergencyuse.htm](http://www.omafra.gov.on.ca/english/crops/minoruse/emergencyuse.htm)

### 2006 examples . . .

**Subdue MAXX** and **Aliette** for Sudden Oak Death on outdoor ornamentals.

**Command 360 ME** for weeds in cucumbers, melons, pumpkins, squash.

**Confidor** for Emerald Ash Borer in forest, landscape, and urban trees.

**Tanos** for powdery mildew in cucumbers, melons, pumpkins, squash.

# Provincial Legislation

Reference Page 7

## Pesticides Act and Regulation 914

[www.e-laws.gov.on.ca](http://www.e-laws.gov.on.ca)

All pesticides registered under the PCPA must be classified before being offered for sale or used in Ontario.





**All pesticides registered under the PCPA must be classified before being offered for sale or used in Ontario.**

**Pesticides are classified into one of six Schedules depending on:**

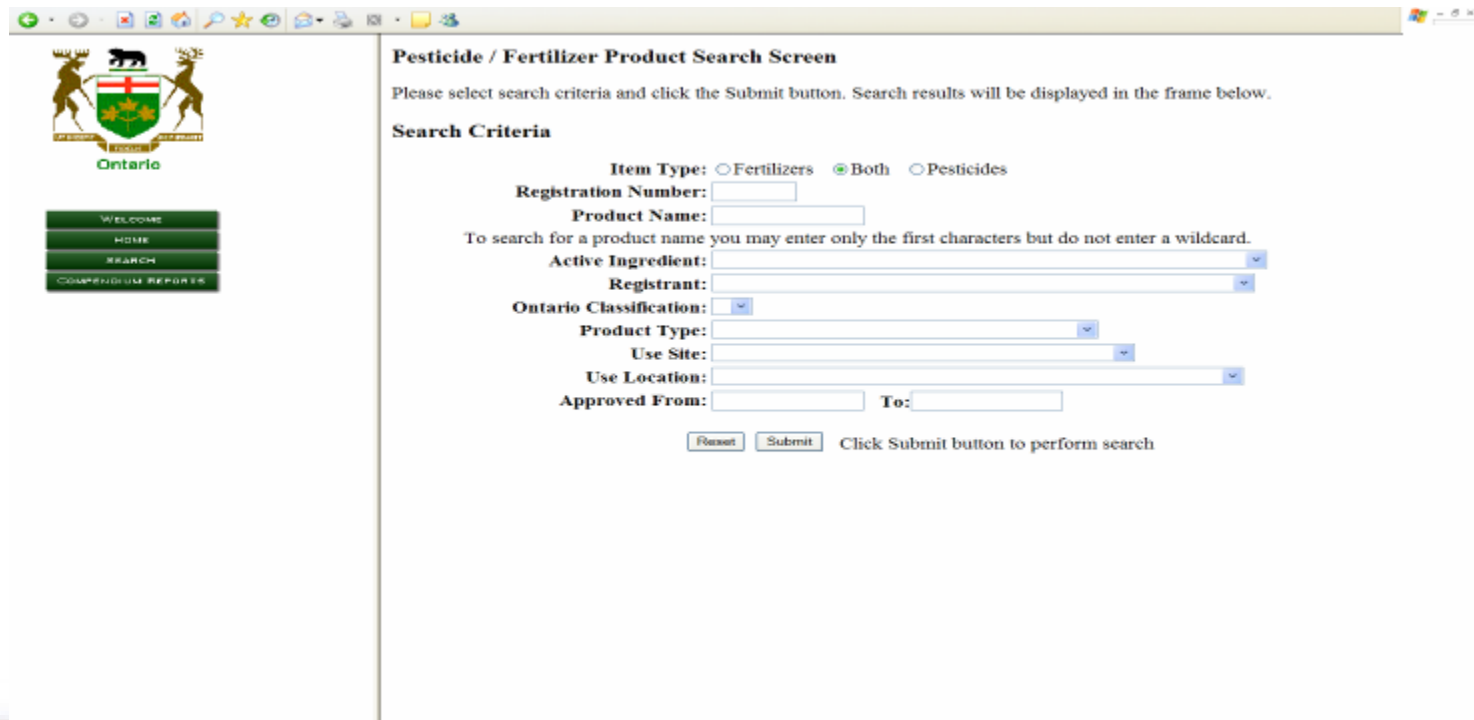
- **their toxicity - how poisonous they are**
- **their persistence - how long they last in the environment**
- **their concentration**
- **how they are used**
- **their container size**

# Ontario Pesticide Advisory Committee

[www.opac.gov.on.ca](http://www.opac.gov.on.ca)

Reference  
Page 7

## Schedule 1, 2, 3, 4, 5 or 6 Pesticides



The screenshot shows a web browser window with the title "Pesticide / Fertilizer Product Search Screen". On the left side, there is a navigation menu with the Ontario coat of arms and the word "Ontario" below it. The menu items are: WELCOME, HOME, SEARCH, and COMPREHENSIVE REPORTS. The main content area contains the following search criteria:

**Pesticide / Fertilizer Product Search Screen**

Please select search criteria and click the Submit button. Search results will be displayed in the frame below.

**Search Criteria**

Item Type:  Fertilizers  Both  Pesticides

Registration Number:

Product Name:

To search for a product name you may enter only the first characters but do not enter a wildcard.

Active Ingredient:

Registrant:

Ontario Classification:

Product Type:

Use Site:

Use Location:

Approved From:  To:

Click Submit button to perform search

# Ontario's Pesticide Classification

For Use According to Label Directions By:

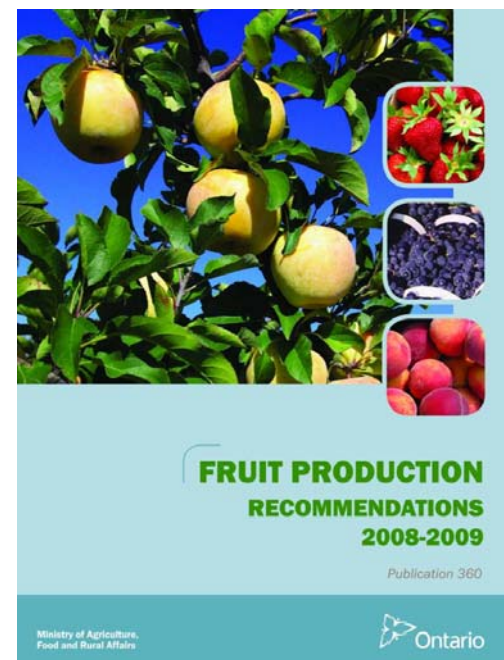
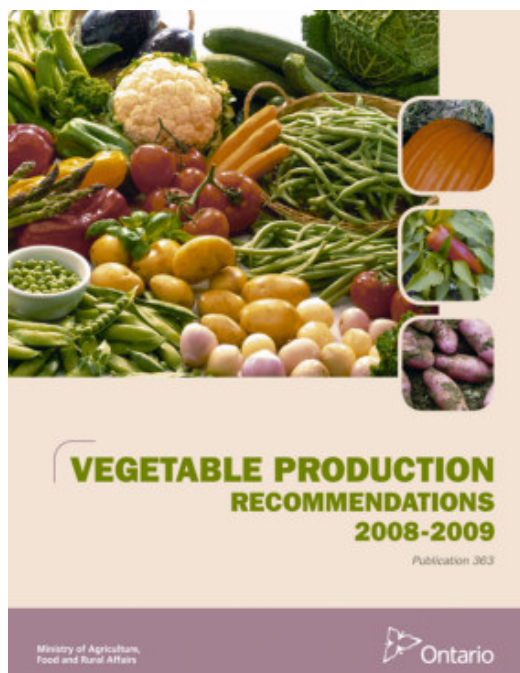
Schedule	Human and/or Environmental Health Criteria*	Licenced Exterminator	Certified Grower	Technician/ Trainee	Trained Assistant	Property Owner or Tenant
1	Very Toxic Very Persistent	✓ (under permit)	✓ (under permit)			
5	Very Toxic Very Persistent	✓ (aerial application under permit)	✓		✓ (under supervision)	
2	Toxic Persistent	✓	✓	✓ (under supervision)	✓ (under supervision)	✓ (aquatic herbicides, under permit)
3	Moderately Toxic Moderately Persistent	✓	✓	✓ (under supervision)	✓	✓
4	Low Toxicity Low Persistence	✓	✓	✓ (under supervision)	✓	✓
6	Low Toxicity Low Persistence (larger size container )	✓	✓	✓ (under supervision)	✓	✓

\* More detailed information on classification criteria is outlined in the OPAC guidelines for classification of pesticide products available at [www.opac.gov.on.ca](http://www.opac.gov.on.ca)

# Where to Find the Schedules?

Reference  
Page 8

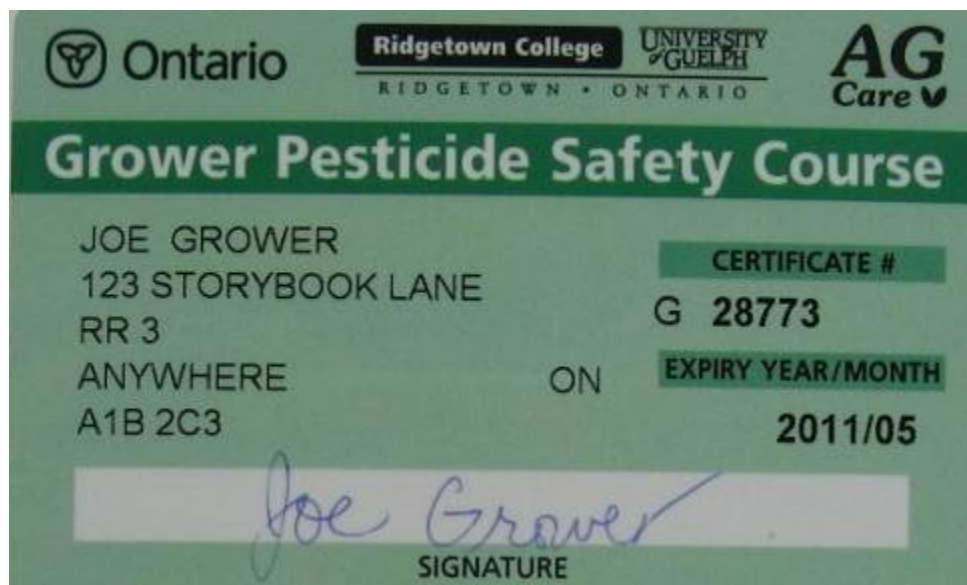
- OPAC web site: [www.opac.gov.on.ca](http://www.opac.gov.on.ca)
- Production Recommendation Publications of the Ontario Ministry of Agriculture, Food and Rural Affairs



# Certification of Growers

Since April 1, 1991

- **Schedule 1, 2 or 5 pesticides may only be purchased and used on farm land by a Certified Grower.**





# Under the Pesticides Act,

**a grower (farmer) is a person who:**

- **currently uses farm land for agricultural or forestry production, and**
- **that farm land is classified as farmlands property under Section 7 of the *Ontario Assessment Act*.**



# A Certified Grower must:

Reference  
Page 9

- **meet the definition of a grower (Pesticides Act)**
- **be at least 16 years of age**
- **attend a one day GPSC**
- **successfully complete the exam**

## **Certified Growers must renew every five years:**

- **Attend the GPSC and successfully complete the exam,  
or**
- **Study at home and successfully complete the exam**

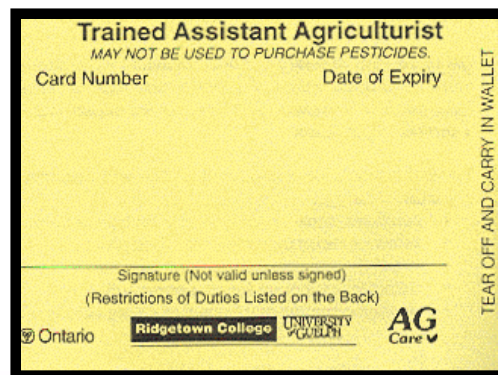
# Pesticide Training for Assistants

Reference  
Page 9

Since January 1, 2000, assistants must have training to mix, load or apply any Schedule 2 or 5 pesticide under supervision of a Certified Grower.

Trained Assistants are **not allowed to handle Schedule 1 pesticides**. Assistants must have:

- training every five years, and
- be 16 years of age.





# Two Training Options for Assistants

Reference  
Page 9

- **attend the Grower Pesticide Safety Course and not write the exam, OR**
- **attend an on-farm training session given by a qualified Trained Assistant Instructor.**



# Trained Assistant Instructors

Reference

Page 9

- **Must be Certified Growers, and**
- **Must complete a half day training session**
- **Call OPEP to register – 1-800-652-8573**

# Supervising Trained Assistants

- 1 Certified Grower may supervise up to**
- 3 Trained Assistants at any given time.**

## Direct supervision

Certified Grower must be on the farm when a TA mixes, loads or applies Schedule 2 or 5 pesticides.

## Indirect supervision

Certified Grower does not need to be on the farm, but **MUST:**

- 1. be available immediately to communicate with the TA;**
- 2. be present within a reasonable time to respond to an emergency;**
- 3. provide written instructions to TA for use of Schedule 5 pesticides.**

**The Certified Grower is responsible for all the pesticide work done by the Assistant.**



# Trained Assistants may not:

**(for Schedule 2 and 5 pesticides)**

- **Purchase**
- **Select or recommend the pesticide**
- **Select the rate of application**
- **Select the means of storage, or disposal of empty containers**
- **Calibrate equipment used to apply pesticides**

**As a Certified Grower, you are responsible for all pesticide use and handling on your farm.**

**This includes pesticide use and handling by Trained Assistants.**



# Web Sites

**Pest Management Regulatory Agency (PMRA)**

**[www.pmra-arla.gc.ca](http://www.pmra-arla.gc.ca)**

**Pest Control Products Act (PCPA)**

**<http://laws.justice.gc.ca/en/P-9/index.html>**

**Canadian Food Inspection Agency (CFIA)**

**[www.inspection.gc.ca](http://www.inspection.gc.ca)**

**Ontario Pesticides Act and Regulation 914**

**[www.e-laws.gov.on.ca](http://www.e-laws.gov.on.ca)**

**Publication Ontario On-Line (POOL)**

**<http://pubont.stores.gov.on.ca/pool/english>**

**Ontario Pesticides Advisory Committee (OPAC)**

**[www.opac.gov.on.ca](http://www.opac.gov.on.ca)**

**Municipal Property Assessment Corporation (MPAC)**

**[www.mpac.ca](http://www.mpac.ca)**