



PMB UPDATE

Pesticide Management Branch
 Chemicals Assessment and
 Management Division
 9820 - 106 Street Edmonton Alberta T5K 2J6

CLASS 1 RETAIL AND WHOLESALE VENDORS

December 1996

REGULATORY REFORM IMPLEMENTATION

It is anticipated that revisions to the Pesticide Sales, Handling, Use and Application Regulation and the Pesticide (Ministerial) Regulation will come into force early in the new year*. A summary of revisions follows:

- consolidated four referenced "Procedure" documents into one Environmental Codes of Practice For Pesticides;
- replaced approval requirements for commercial pesticide vendors with more streamlined "registration" requirements¹;
- eliminated approval requirements for domestic retail pesticide vendors;
- reduced restrictions on acreage owners purchasing selected pesticides currently restricted to use by farmers (see following article); and
- clarified a number of definitions and sections in response to suggestions from pesticide vendors and inspectors.

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ACREAGE OWNER UPDATE

* an exact "coming into force" date is not yet known, but it is anticipated before March 1, 1997.

1 Current vendor approvals will become vendor registrations automatically when new regulations come into force.

In the Spring 1996 edition of Pesticide Management Branch Update, Alberta Environmental Protection announced that it was considering a request by pesticide vendors to allow rural acreage owners access to a limited number of Schedule 2 (commercial) pesticides. Effective with the "coming into force date" of new regulations, rural acreage owners and hobby greenhouse operators will be able to purchase the following pesticides.

1. Glyphosate for the management of vegetation in shelterbelts and non-cropland area such as fencerows, parking areas and driveways.
2. 2,4-D alone or with dicamba and/or mecoprop for the management of broadleaf weeds in turf.
3. Chlorophacinone liquid concentrate for the management of ground squirrels in livestock pastures.
4. Oxine benzoate (No-Damp⁷) for the management of fungal disease on greenhouse plants.
5. Copper Triethanolamine for the control of Algal blooms in dugouts.
6. Granular formulations of *Bacillus thuringiensis israeliensis* (BTH) for the control of mosquito larvae.
7. Diquat (Reglone A⁷) for the control of aquatic weeds in dugouts.

The accompanying factsheet **Retail Vendor Requirements: Acreage Owner and Hobby Greenhouse Operators** provides retail vendors with more detailed information regarding the sale of commercial products available to acreage owners and associated record keeping requirements.

PESTICIDE DISPLAY REQUIREMENTS

Effective with the implementation of revised pesticide regulations, Schedule 2 pesticides may no longer be displayed on retail shelves. This change was made to harmonize more closely with the Crop Protection Institute of Canada's Warehousing Standards.

Display requirements for Domestic Lawn and Garden products (Schedule 3) were not changed. Pesticides in Schedule 3 must be managed to prevent contamination of food (packaged items such as cookies, nuts, and candy); beverages; and personal use items (drugs, cosmetics, first aid and medical supplies, personal hygiene and disposable diapers). Schedule 3 pesticides may be displayed on retail shelves provided:

- the pesticide is displayed at least 3 metres and one aisle away from food or personal use items;
- floor drains in the display area are protected from pesticide spills; and
- pesticides displayed outdoors are protected from rain, wind and other weather hazards with storm drains protected from spills.

Schedule 3 pesticides cannot be stored or displayed on the same premises where groceries (grocery store items such as fresh or frozen meats, fresh or frozen produce, and unwrapped baked goods) are sold.

For information regarding the distinction between "food" and "groceries", separation requirements, or for any additional information regarding provincial pesticide regulatory provisions, contact any Pesticide Management Branch regional office (numbers are listed on the last page of this newsletter).

PESTICIDE STORAGE GUIDELINES

A new pesticide storage document will be available in 1997 from the Pesticide Management Branch. The document **Pesticide Storage: Regulatory Requirements and Guidelines (Schedule 1 & 2 Pesticides)** will be of particular interest to custom application services (Pesticide Services) and pesticide applicators storing pesticide listed as Schedule 1 and 2 in the regulations. This document is the result of an industry and government review conducted during 1995 and 1996 and replaces the **Procedures for Pesticide Storage**.

Basic requirements for pesticide storage, which were embodied in the Procedures for Pesticide Storage, have been incorporated into the revised Pesticide Sales, Handling, Use and Application Regulation. These requirements include:

- secured from public access;
- warning signs affixed to the exterior door, entrance or gate of the storage facility;
- designed to ensure that any pesticide spills can be contained within the boundaries of the storage site;
- a floor or base that is protected from pesticide absorption; and
- emergency personal protective equipment and spill cleanup material.

Pesticide vendors who hold a valid CPI Certificate of Compliance will be recognized as meeting pesticide storage requirements under the Environmental Protection and Enhancement Act.

Pesticide vendors who are not covered by a CPI Certificate of Compliance should request a copy of the **Pesticide Storage: Regulatory Requirements and Guidelines (Schedule 1 & 2 Pesticides)** from any regional office of the Pesticide Management Branch office (see last page of newsletter).

1996 PESTICIDE VENDOR DATABASE UPDATE

In November a questionnaire was sent to all Class 1 retail pesticide vendors to ensure that our database is up-to-date.

The information you provide will be used to:

- identify vendors that no longer require vendor approvals;
- ensure that vendors receive appropriate regulatory information; and
- facilitate inspections and compliance programs.

Vendors were asked to return the completed questionnaire by December 1, 1996. This is a reminder for those that haven't returned theirs. The Pesticide Management Branch will be contacting all retail vendor facilities that did not respond or where the information submitted was incomplete. Please return completed questionnaires as soon as possible to avoid the need for additional phone calls and/or site inspections.

Should you have any questions, please call David Pledger (Calgary 297-5920) or Richard Dickinson (Edmonton 427-0025). Persons outside of Calgary or Edmonton can phone 310-0000 from anywhere in Alberta and have the operator dial the Calgary or Edmonton numbers at no charge.

PESTICIDE VENDOR AUDIT:

NOTICE TO VENDORS

The Crop Protection Institute of Canada (CPI) and Alberta Environmental Protection (AEP) have agreed to combine the CPI Warehousing Standards audit and the Alberta pesticide vendor regulatory compliance inspection. This combined audit will be conducted by industry-certified warehouse auditors.

The combined audit streamlines pesticide vendor inspections to provide a more cost effective program. Duplication of audits (eg. pesticide storage) will be eliminated and the number of audits at each vendor outlet will be reduced. Under this initiative, a pesticide warehouse with a CPI Certificate of Compliance will be recognized as meeting provincial pesticide storage requirements under the Pesticide Sales, Handling, Use and Application Regulation. Inspections of vendor outlets by government pesticide inspectors will be limited to spot inspections and complaint response.

At the time of the CPI warehouse audit (new or renewal), a brief audit for compliance with provincial pesticide vendor regulatory requirements will be conducted. This audit will verify that the vendor:

- holds a valid Pesticide Vendor Registration (formerly a Vendor Approval);
- maintains pesticide sales records in accordance with regulations;
- has available and distributes to a purchaser, required information on any Schedule 1 or 2 pesticide;
- information on file with AEP is accurate (name, address, telephone number); and
- for retail outlets, auditors will verify that at least one certified dispenser is employed.

The auditor will record whether requirements are being met and provide regulatory information to the vendor as required. Any outstanding provincial deficiencies will be followed up by a Pesticide Management Branch Inspector.

The vendor and auditor will sign the completed audit form to verify that the vendor is aware of the information it contains. A copy of the completed audit form will be forwarded to the Pesticide Management Branch for review and record management.

Should you have any questions or concerns regarding the above, please contact David Pledger, Pesticide Management Branch, Alberta Environmental Protection in Calgary at 297-5920. Persons outside of Calgary can phone 310-0000 from anywhere in Alberta and have the operator dial the Calgary number at no charge.

1996 VENDOR RELATED INVESTIGATION SUMMARY

Nine of the 138 investigations conducted by the Pesticide Management Branch during the 1996 season involved pesticide vendors. Of these, seven involved suspected improper sale of pesticide and two involved improper pesticide storage.

Although the number of investigations involving pesticide vendors was small, pesticide vendors are encouraged to keep up the good work by ensuring their wholesale and retail sales staff are familiar with Alberta pesticide sales restrictions and pesticide sales record keeping requirements. Ensuring that only properly trained persons are sold product is one way to reduce the risk of pesticide misuse.

Pesticide vendor regulatory requirements (revised regulations) are outlined in the accompanying factsheets **Commercial Wholesale Vendor Requirements (Alberta Schedules 1 & 2)** and **Commercial Retail Vendor**

Requirements (Alberta Schedules 1 & 2).

ALBERTA CONTAINER MANAGEMENT COMMITTEE

In July 1996 the Crop Protection Institute of Canada and the Alberta Council of the Crop Protection Institute joined forces in the management of empty one-way plastic and metal containers in Alberta.

The industry's Container Management Program which had its start in Alberta in the early 1980's currently operates in 9 provinces and services 763 container collection sites. As of 1995, over 17 million containers have been removed from the environment, with the container material recycled into approved end uses or used for heat recovery.

In Alberta there are 99 permanent container collection sites which are managed by the local authority. Under the new agreement the cleanup of the container sites will remain with CPI (Canada), while CPI (Alberta) through its newly formed Alberta Container Management Committee will have the role of working more closely with the stakeholders and implementing an annual communications program.

The Alberta Container Management Committee is a committee of stakeholders with representation from Alberta Association of Municipal Districts & Counties (Bob Anderson), Alberta Council of the Crop Protection Institute (Bill Sherk), Alberta Agriculture, Food and Rural Development (Walter Yarish), and Alberta Environmental Protection (David Pledger). For more information about the Alberta Container Management Committee contact the Crop Protection Institute (Alberta) at 1-403-244-4487.

CPI SEMINAR

The Alberta Council of the Crop Protection Institute is sponsoring a seminar at The Coast Plaza Hotel in Calgary on December 12, 1996.

The seminar theme is **The Facts Behind The Myth**. Dr. Keith Solomon from the University of Guelph's Centre for Toxicology will be the feature speaker. The seminar will also include a presentation on the Certification Crop Protection Advisory Role in Canada and the U.S., and reviews of the Audit Protocol and User Guide, and provincial warehousing standards.

The registration fee of \$40.00 (\$50.00 after December 3) includes lunch.

For more information, call the CPI Alberta Council at (403) 244-4487.

PESTICIDE DISPENSER RE-CERTIFICATION

In 1992 a Commercial Pesticide Dispenser Certification Committee was initiated to review the existing Pesticide

Dispenser Course and the Pesticide Dispenser Certification policies. The committee recommended the use of the Saskatchewan Institute of Applied Science and Technology (SIAST) Commercial Dispenser Course to replace the existing course. The SIAST Commercial Pesticide Dispenser Course has been updated to include:

- the Basic Knowledge Requirements for Pesticide Education in Canada (Vendor/Dispenser Standard) as developed by the Canadian Association of Pesticide Control Officials (CAPCO) and endorsed by CPI and Canadian Association of Agricultural Retailers (CAAR); and
- the *Environmental Protection and Enhancement Act* legislative changes coming into effect this winter.

The committee will be meeting on December 13, 1996 to provide a final editing of the course and to finalize the committee's recommendation that all current Pesticide Dispensers be required to re-certify using the new training materials (or challenging the new examination) within a 1-2 year time frame.

If you have any comments or concerns, please contact one of the committee members prior to the meeting. The committee members include:

Ms. Vivianne Servant (phone 1-800-661-3495) (coordinator);
Mr. Helmuth Schroeder (phone 290-4625);
Mr. Garth Gunther (phone 271-7371);
Mr. Tony Overwater (phone 335-3055);
Mr. Neil Clarke (phone 644-3707);
Ms. Melanie Mutter (phone 853-8659); and
Mr. Dave Pledger (phone 297-5920).

PESTICIDE DISPENSER EXAMINATION/CERTIFICATION COURSES

As of January 1, 1997 the new Pesticide Dispenser Course will be available from Lakeland College at a cost of \$95.00. Lakeland College will also administer the Dispenser examination and certification process. The cost of the exam will be \$30.00. Exam writing centres will be available throughout the province. Successful candidates will be issued a certificate directly from Lakeland College. To order the training materials or to arrange to write the exam, contact Lakeland College at 1-800-661-6490 or (403) 853-8659.

TANK MIXING PESTICIDES

Tank mixing is the use of two or more registered pest control products in a single spray tank. Manufacturers are now required to provide data on physical compatibility and efficacy (including phytotoxicity) for new tank-mix registrations. For many older pesticides, label statements regarding whether or not tank-mixes are registered are either vague, or in some cases the label is silent with respect to tank mixing. Few older products have stated prohibitions against tank mixing. Physical compatibility information on a product label is not a specific recommendation for tank mixing treatment. However, many users have assumed that a compatibility statement on the label has the effect of a tank-mix recommendation.

Manufacturers are being requested to upgrade all pesticide labels with respect to tank-mixing to make clear whether their product can or cannot be tank-mixed with other pesticides. Until all product labels are upgraded, and **provided none of the labels of the products to be tank-mixed includes a prohibition against tank**

mixing, products may be tank-mixed. In the absence of specific label directions regarding tank mixing, the user assumes the risk and responsibility with respect to safety, efficacy and phytotoxicity.

The Pesticide Management Branch is requesting that pesticide retailers provide this information to any customers who may be requesting information about tank mixes.

PESTICIDE MANAGEMENT BRANCH OFFICES

Grande Prairie (780) 538-5460 Fax: (780) 538-5336

Room 1701, Provincial Building
10320 - 99 Street, Grande Prairie, Alberta T8V 6J4

Edmonton (780) 427-7617 Fax: (780) 427-3178

5th Floor, Oxbridge Place
9820 - 106 Street, Edmonton, Alberta T5K 2J6

Red Deer (403) 340-5310 Fax: (403) 340-5022

3rd Floor, Provincial Building
4920 - 51 Street, Red Deer, Alberta T4N 6K8

Calgary (403) 297-7602 Fax: (403) 297-8232

2nd Floor, Deerfoot Square
2938 - 11 Street NE, Calgary, Alberta T2E 7L7

Lethbridge (403) 381-5511 Fax: (403) 382-4428

2nd Floor, Provincial Building
200 - 5th Avenue South, Lethbridge, Alberta T1J 4C7

The above offices can also be reached by phoning 310-0000 from anywhere in Alberta.