

# Industry Challenges State Restricted Use Pesticides

August 23, 2011

- **Review State RUP Details**
- **Challenges**
  - States
  - Registrants
  - Retailers
  - Technology Companies
- **Information Resources**

- **CDMS Data and Technology Company**
- **Manage Databases/Compliance “Rules”**
  - Product Rules (label, DOT, WPS, State Registered, SARA, Federal RUP)
  - Food Company Rules
  - State RUP Rules
  - International Trade Rules – Maximum Residue Levels (MRL)
- **“Rules” Integrated into Software**
  - “Checking” databases integrated with CDMS Software or Retailers Proprietary systems
  - ADVISOR - Web Based Agronomy Management System
  - Single Platform for Chem, Fert, Seed, Cultivation practices

# CDMS State RUP Database

- **Handled CA RUP**
- **Developed State RUP database for remaining 49 states**
- **Most CDMS Databases “Push” from Data Source**
- **State RUP is “Pull” from States**

# **State Restricted Use Pesticide: As different or beyond Federal RUP**

# Federal RUP is Straightforward

- **Label Notification**
- **Certified applicators licensed through State agencies**
  - Private (grower)
  - Commercial
- **Recordkeeping Requirements**
  - Applicator
  - Those who sell RUPs (to whom, when, where, how much)
- **Seller must verify that applicator is properly licensed before selling RUP**

## Specimen Label

### Restricted Use Pesticide

Because pronamide has produced tumors in laboratory animals, this product is for retail sale to and use only by Certified Applicators or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.



### Personal Protective Equipment (PPE):

Applicators and other handlers must wear:

- Coveralls over short-sleeved shirt and short pants
- Waterproof gloves
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing or loading

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/ maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use enclosed cabs or aircraft in a manner that meet the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the

✓ Unknown Zone | Protected Mode: Off

**RESTRICTED USE PESTICIDE**  
DUE TO TOXICITY TO FISH AND AQUATIC ORGANISMS  
FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS,  
OR PERSONS UNDER THEIR DIRECT SUPERVISION, AND ONLY FOR  
THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

GROUP 3 INSECTICIDE



**Warrior**  
with Zeon Technology®

**Insecticide**

Active Ingredient:

Lambda-cyhalothrin

[1 $\alpha$ (S\*),3 $\alpha$ (Z)]-( $\pm$ )-cyano-(3-phenoxyphenyl)methyl-



SPECIMEN LABEL

# **BARRAGE<sup>®</sup> HF**

LOW VOLATILE HERBICIDE

**ACTIVE INGREDIENT:**

2-Ethylhexyl Ester of 2,4-Dichlorophenoxyacetic Acid ..... 78.1%

**INERT INGREDIENTS:** ..... 21.9%

TOTAL ..... 100.0%

Equivalent to 51.8% 2,4-D Acid or 4.7 lb./gal.

Isomer specific by AOAC Method 6.D01-5 (12th Ed.)

Patent No. 6,232,272

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION**

**MANUFACTURED FOR**

HELENA CHEMICAL COMPANY

225 SCHILLING BOULEVARD, SUITE 300

COLLIERVILLE, TENNESSEE 38017

**PERSONAL PROTECTIVE EQUIPMENT**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

**Applicators and other handlers must wear:**

- Long-Sleeved shirt and long pants
- Chemical-resistant gloves, such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber, or Viton.
- Shoes plus socks

# State Restricted Use

- **46 States allow for the designation of State RUPs**
  - Statutes
  - Regulations
- **Not all enact this, but they can**
- **Half of the states recognize State RUP**
- **Remaining enforce Federal RUP**

# Why State Restricted

## Specific Issues Identified by State

- **Toxicity**
- **Chronic Health Effects**
- **Environmental Fate**
  - Water
  - Air
- **Pesticide Use Pattern**
- **Regulatory History**
- **??? You don't always know**
  
- **Some State RUPs Preceded Enactment of Federal RUP**

# State RUPs Based On:

- **Active Ingredient**
- **% of Active Ingredient**
- **Formulation type (Lorsban 15G is not, Lorsban 4E is)**
- **Amount Sold (e.g. RUP if more than 2 lbs. sold)**
- **Container Size**
- **Date of Use**
- **Target Site**
  - Geography (county or township or designated hot “zone”)
  - Water
  - Residential
- **Target Pest**
  - Termiticides
- **Other**

# Restricted due to A.I. (2,4-D) in AR, CT, LA, MA, NJ, NM, TX, VT, WA

## SPECIMEN LABEL

## **BARRAGE** *HF*

LOW VOLATILE HERBICIDE

## ACTIVE INGREDIENT:

2-Ethylhexyl Ester of 2,4-Dichlorophenoxyacetic Acid ..... 78.1%

INERT INGREDIENTS: ..... 21.9%

TOTAL ..... 100.0%

Equivalent to 51.8% 2,4-D Acid or 4.7 lb./gal.

Isomer specific by AOAC Method 6.D01-5 (12th Ed.)

Patent No. 6,232,272

**KEEP OUT OF REACH OF CHILDREN****CAUTION**

## PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION**

## MANUFACTURED FOR

HELENA CHEMICAL COMPANY

225 SCHILLING BOULEVARD, SUITE 300

COLLIERVILLE, TENNESSEE 38017

## PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

## Applicators and other handlers must wear:

- Long-Sleeved shirt and long pants
- Chemical-resistant gloves, such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber, or Viton.
- Shoes plus socks

# Restricted due to A.I. (diuron) in CA, CO, MA, WA



## Diuron 80DF

**For Preemergence and Postemergence Weed Control**

ACTIVE INGREDIENT

→ Diuron [3-(3,4-dichlorophenyl)-1,1-dimethylurea].....80%

OTHER INGREDIENTS .....20%

TOTAL .....100%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

# Restricted due to A.I. (imidacloprid) in CA & NY



For control of listed insects infesting various crops.

**ACTIVE INGREDIENT:**

Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2  
imidazolidinimine

17.4%

**INERT INGREDIENTS:**

82.6%

**TOTAL** 100.0%

Contains 1.6 pounds of imidacloprid per gallon.

**SHAKE WELL BEFORE USING.**

### USER SAFETY RECOMMENDATIONS

User should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

# Products with Same A.I. One Restricted due to %

**Not Restricted**



**Restricted**



**GORDON'S ProForm Q4**  
Turf Herbicide  
for Grassy & Broadleaf Weeds

**ACTIVE INGREDIENTS:**

|                                   |                |
|-----------------------------------|----------------|
| Quinclorac.....                   | 5.69%          |
| Sulfentrazone .....               | 0.69%          |
| 2,4-D, dimethylamine salt .....   | 12.02%         |
| Dicamba, dimethylamine salt ..... | 1.38%          |
| <b>INERT INGREDIENTS:</b> .....   | <b>80.22%</b>  |
| <b>TOTAL</b> .....                | <b>100.00%</b> |

**THIS PRODUCT CONTAINS:**

0.50 lb. 3,7-dichloro-8-quinolinecarboxylic acid per gallon or 5.89%  
 0.06 lb. N-[2,4-dichloro-5-[4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]phenyl]methanesulfonamide per gallon or 0.69%  
 0.88 lb. 2,4-dichlorophenoxyacetic acid equivalent per gallon or 9.98%  
 0.10 lb. 3,6-dichloro-o-anisic acid equivalent per gallon or 1.15%  
 Isomer Specific by AOAC Method.  
 U.S. Patent 6,849,579

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See below for additional Precautionary Statements and First Aid.

**FIRST AID**

**If in eyes:**

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

**If swallowed:**

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

**If on skin or clothing:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment information.

**ENVIRONMENTAL HAZARDS:**  
 This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater.  
 Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills.

**DIRECTIONS FOR USE**  
 It is a violation of Federal law to use this product in a manner inconsistent with its

**Riverdale®**  
**PATRON® 170**

A WOODY PLANT HERBICIDE FOR CONTROLLING MIXED BRUSH ON UTILITY RIGHTS-OF-WAY, HIGHWAYS, FENCE ROWS, FIREBREAKS AND SOLID STANDS OF OAK OR ELM. CONTROLS NOXIOUS PERENNIAL WEEDS ON NON-CROPLAND. ALSO CONTROLS NOXIOUS PERENNIAL WEEDS ON UNCROPPED LAND, LAWNS, GOLF COURSES, ATHLETIC FIELDS, PARKS AND OTHER ORNAMENTAL TURF GRASS AREAS.

**CONTAINS 2D + 2DP-p L.V. ESTER**  
**GET THE OPTICAL ADVANTAGE®**

**ACTIVE INGREDIENTS:**

|   |               |
|---|---------------|
| Isocetyl (2-ethylhexyl) Ester of 2,4-Dichlorophenoxyacetic Acid*                | 32.1%         |
| Isocetyl (2-ethylhexyl) Ester of (+)-R-2-(2,4-Dichlorophenoxy)propionic Acid**† | 16.1%         |
| <b>OTHER INGREDIENTS:</b> .....   | <b>51.8%</b>  |
| <b>TOTAL:</b> .....   | <b>100.0%</b> |

Contains Petroleum Distillates

Isomer Specific Method, Equivalent to:  
 \*2,4-Dichlorophenoxyacetic Acid ..... 21.3%, 1.71 lbs./gal.  
 \*\*(+)-R-2-(2,4-Dichlorophenoxy)propionic Acid ..... 10.9%, 0.87 lbs./gal.  
 †CONTAINS THE SINGLE ISOMER FORM OF DICHLOROPROP-p

# Restricted due to "Use" NY, NJ, WA.....others



# AQUATHOL® K

## AQUATIC HERBICIDE

**ACTIVE INGREDIENT:**

Dipotassium salt of endothall\* ..... 40.3%

OTHER INGREDIENTS: ..... 59.7%

TOTAL ..... 100.0%

\*7-oxabicyclo [2.2.1]heptane-2,3-dicarboxylic acid equivalent 28.6%

Contains per gallon 4.23 lbs. dipotassium endothall

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**FIRST AID:**

IF IN EYES.

# No Two States Are Alike

# Enforcement Activity

- **Complaint Causes Investigation**
- **Audit of Records**
- **Warning Letters, fines, “stop prohibited conduct” orders, hearings**
- **Violation History Impactful**

# Enforcement Experiences

- **Fine for selling RUP without checking for licenses**
  - Product had just days before been classified as State RUP
- **Fine for selling to location across state line that had State RUP designation. Improper record keeping.**
- **Multiple small infractions lead to more audits**
  - Regulators looking for patterns
- **Zero Tolerance attitude in certain states....looking for problems with state registrations and state RUPs.**

# Channel Challenges with State RUP

# State Challenges

- **Interpretation of Regulation**
  - Correctly assigning RUP status to Products/ inspectors and assigners differ
- **Maintaining Accurate Lists**
  - RUP is by A.I. /assigning classifications to correct Brand Name Products
- **Communication to Stakeholders**
  - A few states publicly list State RUP products (CA, CO, MI, NY & WA) the rest come from AI lists or from reading the regulation.
  - Most have no policy to inform industry of brand names with State RUP, either initial status or updates.
- **Enforcement Pressure**
  - Fines = revenue for some departments

# Registrant Challenges

- **Registrants are Not Kept Up to Date by the State**

**“When a distributor asks us for state RUP information by product, I refer them to state databases rather than ours because I don’t want to mislead them.”**

**“Sometimes things change with products containing certain active ingredients and we’re not notified. Sometimes we’re not notified of the status even when we receive the initial state registration.”**

**“On top of that, some states have hard-to-interpret designations. For example, New York sometimes assigns a class “C” restriction indicating “restricted use may be necessary” Not too clear.”**

# Registrant Challenges

- **Some Registrants do not Track State RUP's**

**“As a company, we don't track them. The burden for compliance falls mostly on retailers and custom applicators to make sure they have the proper paperwork in place to sell or apply a state RUP.”**

- **In building our database, we found registrants could not be a reliable data source**

# Retailer Challenges

- **Notification, Communication & Staying Current**

**“The main challenge we see is when products are deemed state RUP’s at initial registration the registrants don’t convey that information to us as a retailer.**

**There have also been products that change from General Use to State RUP during the course of a given year and we are not notified.”**

# Retailer Challenges

- **Access to Information**
  - **State Response if the state RUP is for a specific AI or location**  
“it is up to the retail locations to know which product brand is restricted in their area.”
- **Interpretation**
- **Selling Across State Lines Increases Vulnerability**
- **Balance Compliance Needs and Sales**

# Retailer Challenges

**“The burden is on the regulated community to learn which products are regulated. ”**

**Manager Retail Location  
NY State (but could be any State)**

# Database Provider Challenge

- **Managing data to Practical Level**
  - State level (Y or N)
  - Opportunities for deeper levels with field mapping
  - Take conservative (safe) approach without being a “cop”
- **Determining update frequency by state to ensure data integrity. Great disparity between states.**
- **State Website errors: MA, CT, TX, CA, NM....others**
  - Learn of different interpretation from Retail Sites
  - Dialog with States regarding differences
  - States have corrected their sites

# State Website Error Log Registration or RUP

|    | A         | B         | C              | D                           | E  | F | G | H  |
|----|-----------|-----------|----------------|-----------------------------|----|---|---|--|
| 5  | 7/30/2010 | 8/3/2010  | 62719-182      | GRAZON P+D                  | VA | Y |   | State and Mfr have conflicting registration information; Mfr shows registered and state records show not registered; Mfr & State reconciled and both show product as registered.   |
| 6  | 8/12/2010 | 8/18/2010 | 62719-31       | TORDON RTU                  | TX |   | N | Product was originally classified as RUP and confirmed with TDA but RTU makes RUP exempt - TDA contacted CDMS to inform that the RUP classification was removed due to RTU formulation.  |
| 7  | 8/23/2010 | 8/24/2010 | 2217-561-57131 | EC GROW 22-0-5 WITH TRIMEC* | NE | Y |   | Initially NE (Tim Cregar) stated product was not registered in NE; state then recognized data error after EC Grow contacted them for resolution.   |
| 8  | 8/24/2010 | 8/26/2010 | 400-567        | ENHANCE AW                  | TX | Y |   | TX registration data was incorrect; CDMS/Mfr contacted TX for registration resolution; product registered.   |
| 9  | 2/2/2011  | 2/9/2011  | 34704-447      | CARBARYL 4L INSECTICIDE     | CA |   | Y | CA did not have as RUP due to incorrect classification of RTU formulation. Brought to their attention and RUP status was added.  |
| 10 | 2/22/2011 | 2/23/2011 | 100-889        | MERTECT 340-F               | CA |   | N | CA had flagged as RUP due to Section 18 status; CDMS brought to DPR attention that all Section 18s have expired. DPR corrected status.   |
| 11 | 3/15/2011 | 3/15/2011 | 61842-18       | SURROUND-WP                 | CT | Y |   | Location contacted State and found out product was no longer registered and requested update to be made to reflect change. In checking with Mfr, it was discovered that product was still registered. When CDMS contacted State directly, State claimed error on their part for all TKI renewals. Product is registered.   |
| 12 | 4/25/2011 | 4/25/2011 | 100-955        | FLAGSHIP 25WG               | MA |   | Y | State had allocated as Federal RUP; per Edie, AAT tried contacting state but no response. CDMS spoke with Susie Reed and the MA state chemist, Steve Husa to determine if non-ag use label of this ai should be restricted. MA has updated their groundwater protection list to include all uses as state restricted. MA made correction to their data and allocated as State RUP; CDMS update made as well. |
| 13 | 5/2/2011  | 5/3/2011  | 228-615        | CLASH                       | CA |   | Y | CA does not have tagged as RUP; contains dicamba; CA responded stating it should be classified as State RUP and will reflect in next update.   |
| 14 | 6/22/2011 | 6/22/2011 | 84396-30       | KILLER FOR ICE PLANT WEEDS  | HI | Y |   | HI had wrong EPA for product and they have corrected   |
| 15 | 6/28/2011 | 6/29/2011 | 33560-41       | PRONONE POWER PELLET        | WI | Y |   | Error in WI Database; WI had used Est. No. instead of Reg. No. for product registration so wasn't recording as registered.   |

# How Do You Know if Your State Has RUPs?

## Become Informed

# Uncovering State RUPs

- **Know Status of States Where You Sell Product**
- **Websites - start there but dig deeper**
  - Read the regulation if necessary
- **Call person to clarify or obtain information**
  - With few exceptions, we had to call states to confirm
  - Have statute but do not exercise regulations yet
- **Find out State's communication policy**
- **Challenge: Keeping Current**

# Websites

- **Michigan**
- **Colorado**
- **Texas**
- **Illinois**
- **Indiana**
- **New York**

# Michigan

- Business in Michigan
- Agricultural Products
- Animal Related Licensing
- Food Industries
- Horse Breeder/Owner Awards Program
- Migrant Labor Housing
- Organic Registration
- Pesticides**
- Agricultural Pesticide Dealer License
- Pesticide Application Businesses
- Pesticide Application Certification
- Pesticide Regulatory Info
- Pesticide Laws and Regulations
- Pesticide Registration
- Restricted Use Pesticides in Michigan**
- Pesticide Notification Registry
- Retail Motor Fuel Outlet
- Weights & Measures

**Consumer Information**

This list contains the restricted use pesticides (RUPs) registered in the State of Michigan for the current registration year, which runs from July 1st to June 30th. If you need this list electronically, please make a copy of the PDF file.

## Michigan Restricted Use Pesticide (RUP) Listing

| Comment Key         | Description   |
|---------------------|---|
| <b>New</b>          | New RUP products registered since the last complete list was issued.  |
| <b>Discontinued</b> | Products in the first or second year of the required two-year discontinuance period before cancellation. These products are currently registered and can be sold. This information is included to indicate that the manufacturer may not register these products in subsequent years and therefore, existing stocks should be sold as soon as possible. |
| <b>MI RUP</b>       | Products that are not federally-restricted but are restricted by the State of Michigan pursuant to Regulation 633. Because they are not federally-restricted, they will not bear the words "Restricted Use Pesticide" on the label.   |

**Surveys**

**RSS Feeds**

**Related Content**

- \* Restricted Use Pesticide Dealer Licensing Details & FAQ
- \* Restricted Use Pesticide Dealer License Application [PDF](#)
- \* Restricted Use Pesticide Sales Register [PDF](#)
- \* Act 451, Part 83, Pesticide Control [PDF](#)
- \* Regulation 633, Restricted Use Pesticides



## Department of Agriculture & Rural Development

MICHIGAN.GOV



[Michigan.gov Home](#)

[MDARD Home](#)

[Sitemap](#)

[How Do I Contact MDARD?](#)

[eMDA](#)

[Online Services](#)

Search



**Licensing, Certification & Registration**

Find a Licensed Business in Michigan

Agricultural Products

Animal Related Licensing

Food Industries

Horse Breeder/Owner Awards Program

Migrant Labor Housing

Organic Registration

**Pesticides**

Agricultural Pesticide Dealer License

Pesticide Application Businesses

Pesticide Application Certification

Pesticide Regulatory Info

Pesticide Laws and

[Printer Friendly](#) [Text Version](#) [A- A+ Text Size](#) [Share](#)

### Restricted Use Pesticides in Michigan

- [Restricted Use Pesticide Dealer Licensing Details & FAQ](#)
- [Restricted Use Pesticide \(RUP\) Listing](#)
- [Restricted Use Pesticide Dealer License Application](#) **PDF**  
Restricted Use Pesticide Dealer License Application

- [Restricted Use Pesticide Sales Register](#) **PDF**  
Form for Monthly Sales Reporting

- [Act 451, Part 83, Pesticide Control](#) **PDF**  
The statute that regulates pesticide products including their use, the people that apply them, licensing requirements, and penalties.

- [Regulation 633, Restricted Use Pesticides](#)  
Rules that regulate pesticides classified as "Restricted Use" federally and by the State of Michigan, their distribution, sale, and use.

> [More](#)

> [More](#)

> [More](#)

> [More](#)

[MI Business One Stop](#)

[Departments/Agencies](#)

[Online Services](#)

[Surveys](#)

[RSS Feeds](#)

**Quick Links**

- Cottage Food Law
- Start Your Business
- Grants & Funding
- Press Releases/Media Materials
- Apply for Food Service License
- Farmers' Market Req.
- Find Michigan Wines
- Food Recalls
- Bringing Animals into Michigan
- Water Use Reporting
- Pesticide Re-Certification Seminars
- Emerald Ash Borer

**Michigan Business One Stop**



Internet | Protected Mode: Off

# How Often is this Updated?

MICHIGAN DEPARTMENT OF AGRICULTURE  
PESTICIDE & PLANT PEST MANAGEMENT DIVISION  
Michigan Restricted Use Pesticide (RUP) Listing (in Brand Name order)

| Comment      | Brand Name   | EPA Reg Num    | Registrant                               |
|--------------|--|----------------|--|
|              | 0-0-12 LESCO ALLECTUS 0.18 GC PLUS FERTILIZER #087441                  | 432-1426-10404 | LESCO INC                                |
|              | 14-0-14 ALLECTUS 0.225 GC PLUS TURF FERTILIZER                         | 432-1427-34704 | LOVELAND PRODUCTS INC                    |
|              | 17-0-17 LESCO ALLECTUS 0.18 GC PLUS FERTILIZER #087439                 | 432-1426-10404 | LESCO INC                                |
|              | 18-0-6 TCS GROWSTAR ALLECTUS .225GC PLUS TURF FERT INSECTICIDE #900139 | 432-1427-82757 | TURF CARE SUPPLY CORP                    |
|              | AATREX 4L HERBICIDE  | 100-497        | SYNGENTA CROP PROTECTION LLC             |
|              | AATREX NINE-O HERBICIDE  | 100-585        | SYNGENTA CROP PROTECTION LLC             |
|              | ABACUS AGRICULTURAL MITICIDE/INSECTICIDE                               | 83100-4-83979  | ROTAM NORTH AMERICA INC                  |
| Discontinued | ABAMECTIN E-AG 0.15 EC INSECTICIDE                                     | 79676-58       | ETIGRA                                   |
|              | ABBA 0.15EC MITICIDE/INSECTICIDE                                       | 66222-139      | MAKHTESHIM-AGAN OF N AMERICA INC         |
| Discontinued | ABBA 0.15EC MITICIDE/INSECTICIDE                                       | 72167-43-66222 | MAKHTESHIM-AGAN OF N AMERICA INC         |
|              | ABBA ULTRA   | 66222-226      | MAKHTESHIM-AGAN OF N AMERICA INC         |
|              | ACETO BIFENTHRIN 2 EC  | 2749-556       | ACETO AGRICULTURAL CHEMICALS CORPORATION |
| Discontinued | ADJOURN INSECTICIDE  | 352-515-66222  | MAKHTESHIM-AGAN OF N AMERICA INC         |
|              | AGRI TIN AGRICULTURAL FUNGICIDE  | 55146-72       | NUFARM AMERICAS INC AGT DIVISION         |
|              | AGRI TIN FLOWABLE AGRICULTURAL FUNGICIDE                               | 55146-84       | NUFARM AMERICAS INC AGT DIVISION         |
|              | AGRI-FLEX MITICIDE/INSECTICIDE   | 100-1350       | SYNGENTA CROP PROTECTION LLC             |
|              | AGRI-MEK 0.15EC MITICIDE/INSECTICIDE                                   | 100-898        | SYNGENTA CROP PROTECTION LLC             |
|              | AGRI-MEK 5C MITICIDE/INSECTICIDE                                       | 100-1351       | SYNGENTA CROP PROTECTION LLC             |
|              | AGRSOLUTIONS ARCTIC 3.2 EC INSECTICIDE                                 | 1381-187       | WINFIELD SOLUTIONS LLC                   |
|              | AGRSOLUTIONS ATRAZINE 4L   | 1381-158       | WINFIELD SOLUTIONS LLC                   |
|              | AGRSOLUTIONS ATRAZINE 90DF   | 9779-253       | WINFIELD SOLUTIONS LLC                   |
|              | AGRSOLUTIONS CHARGER MAX ATZ   | 1381-199       | WINFIELD SOLUTIONS LLC                   |
|              | AGRSOLUTIONS CHARGER MAX ATZ LITE HERBICIDE                            | 1381-208       | WINFIELD SOLUTIONS LLC                   |
|              | AGRSOLUTIONS DELTA GOLD 1.5EC INSECTICIDE                              | 264-1011-1381  | WINFIELD SOLUTIONS LLC                   |
|              | AGRSOLUTIONS GRIZZLY Z INSECTICIDE                                     | 1381-211       | WINFIELD SOLUTIONS LLC                   |
|              | AGRSOLUTIONS TUNDRA EC AGRICULTURAL INSECTICIDE                        | 1381-196       | WINFIELD SOLUTIONS LLC                   |

The screenshot shows a web browser window displaying the Colorado Department of Agriculture website. The page title is "Colorado The Official State Web Portal". The main navigation menu includes "About Us", "I'm a Producer", "I'm a Consumer", "Learn about Ag", "Divisions", "Newsroom", and "Contact Us". The current page is "Forms & Publications" under the "Divisions" section. A sidebar on the left lists various divisions, with "Animal Industry" selected. The main content area features a heading "Forms & Publications" and a paragraph explaining that links to online forms are provided for the Division of Plant Industry, most in Adobe Acrobat format. A note states that forms are listed alphabetically and that many require a fee. The browser's status bar at the bottom shows "Internet | Protected Mode: Off".

Colorado The Official State Web Portal

Colorado.gov

Get Help

SEARCH

## COLORADO DEPARTMENT OF AGRICULTURE



- About Us
- I'm a Producer
- I'm a Consumer
- Learn about Ag
- Divisions
- Newsroom
- Contact Us
- Site Map

Home > Divisions > Plant Industry > Forms & Publications >

Text

### Forms & Publications

- Animal Industry
- Brand Inspection Division
- Colorado State Fair
- Commissioner's Office
- Conservation Services
- Inspection and Consumer Services



Below are links to all the online forms available for the Division of Plant Industry. Most are in Adobe Acrobat format. If you do not have Acrobat click the Acrobat icon to download a free version of Acrobat Reader.

Forms are listed alphabetically by program. Please scroll down this page to go to that program and their forms. Please also note many applications require a fee.

[Top](#)

## Restricted Use Pesticide Dealer License

---

[Restricted Use Pesticide Records & Dealer Requirements](#)

[2008 Letter to RUP Dealers re Rule Changes](#)

[Sample Log to record transactions for RUP Dealers](#)

[Application for Restricted Use Pesticide Dealer License](#)

[Restricted Use Pesticide Dealer License Information Change Notification](#)

[Federal Restricted Use Pesticide List -- PDF Format](#)

[Federal Restricted Use Pesticide List -- Microsoft Xcel Format](#)

[State Restricted Use Pesticide List -- Microsoft Xcel Format](#)

[State Restricted Use Pesticide -- PDF Format](#)

[Top](#)

Internet | Protected Mode: Off

# Updated August 2<sup>nd</sup>



## State Restricted Use Products

State Restricted Use Products Registered in Colorado as of: 02-Aug-11

| EPA reg #       | Product Name  | ProdID | Registrant   |
|-----------------|---|--------|--|
| 10088-118-11547 | Afters effect   | 51284  | Share Corporation                                      |
| 10088-118-39412 | Team 34 Predator  | 53662  | Team Laboratory Chemical Corporation                   |
| 10088-55-39412  | Team 36 Prometon Total Kill   | 53661  | Team Laboratory Chemical Corporation                   |
| 10088-55-88562  | Turf King   | 25835  | Total Solutions  |
| 10088-55-70790  | Formula 400-X Patch   | 53124  | State Industrial Products                              |
| 10088-88-39412  | T37 Terminator II   | 53660  | Team Laboratory Chemical Corporation                   |
| 10088-88-88562  | Barren  | 49814  | Total Solutions  |
| 10088-76-1553   | Weed Away   | 53726  | Momax Incorporated                                     |
| 10088-76-39412  | Team 41 Wipe Out  | 53659  | Team Laboratory Chemical Corporation                   |
| 10088-76-88562  | Total Solutions Weed Easy   | 25836  | Total Solutions  |
| 10807-144-0     | Misty Ex-II Emulsifiable Concentrate  | 149    | Amrep, Inc.  |
| 10807-146-0     | Misty Weed-A-Cide Concentrate   | 151    | Amrep, Inc.  |
| 10807-149-0     | Misty 2 Plus 2 Granular Weed Killer   | 153    | Amrep, Inc.  |
| 10807-204-0     | Misty Repco Kill LF   | 50313  | Amrep, Inc.  |
| 10807-204-40208 | Wlther LVP Non-Selective Weed Killer  | 53280  | Lawson Products Inc. dba Drummond, a Lawson Brand      |
| 10807-205-0     | Misty Repco Kill III  | 42831  | Amrep, Inc.  |
| 10807-206-40208 | Drummond A Lawson Brand Terna-Cide Emulsifiable Vegetation Killer Concentrate | 41841  | Lawson Products Inc. dba Drummond, a Lawson Brand      |
| 1270-113-0      | Zap Concentrated Weed Killer and Soil Sterilant                               | 50350  | Zap Inc.   |
| 1789-159-86114  | Opt-Gro Opt-Kill  | 42468  | Check-Mark   |
| 19713-36-0      | Drexal Diuron 4L Herbicide  | 675    | Drexal Chemical Company                                |
| 228-227-12204   | Marc Wipe-Out, A Granular Weed Killer, Contains Bromacil & Diuron             | 37408  | Fremont, Inc. DBA Mid-American Research Chemical Corp. |
| 228-366-0       | DiBro 4+2   | 51780  | Nufarm Americas Inc.                                   |
| 241-372-0       | BASF Sahara DG Herbicide  | 36507  | BASF Corporation                                       |
| 33560-43-0      | Bare Ground 21 Pelleted Herbicide   | 48323  | Pro-Serve, Inc.  |
| 33560-47-0      | BareSpot Ureabor Granular, Non-Selective, Residual Herbicide                  | 45170  | Pro-Serve, Inc.  |
| 33560-48-0      | BareSpot Monobor Chlorate   | 45169  | Pro-Serve, Inc.  |
| 33955-454-0     | Gordon's Vegetation Killer  | 46391  | PBI-Gordon Corporation                                 |
| 33955-454-2217  | Gordon's Professional Turf & Ornamental Products Vegemec Vegetation Killer    | 21875  | PBI-Gordon Corporation                                 |
| 34704-848-0     | Diuron 80 WDG Weed Killer   | 43378  | Loveland Products, Inc.                                |
| 34913-10-0      | Sprakl 8-5 Brush Control Granules   | 33338  | SSI Maxim Company, Inc.                                |
| 34913-15-0      | Sprakl 8K-13 Granular Weed Killer   | 33341  | SSI Maxim Company, Inc.                                |
| 34913-15-48865  | Intermountain Farmers Sterilan II Weed And Grass Killer                       | 3944   | Intermountain Farmers Association                      |
| 34913-16-0      | Sprakl 8K-26 Granular Weed Killer   | 33340  | SSI Maxim Company, Inc.                                |
| 34913-19-0      | Weed Blast 4-G Weed Killer  | 39328  | SSI Maxim Company, Inc.                                |
| 34913-20-0      | Weed Blast 8-G Weed Killer  | 53509  | SSI Maxim Company, Inc.                                |
| 34913-22-0      | Topalte 2.5 G Herbicide   | 33342  | SSI Maxim Company, Inc.                                |
| 352-287-0       | DuPont Hyvar X Herbicide Wettable Powder                                      | 2047   | E. I. DuPont de Nemours & Co., Inc. -352               |
| 352-325-0       | DuPont Bromacil Technical   | 2083   | E. I. DuPont de Nemours & Co., Inc. -352               |
| 352-346-0       | DuPont Hyvar X-L Herbicide Water Soluble Liquid                               | 2044   | E. I. DuPont de Nemours & Co., Inc. -352               |

[Employment](#)[Forms](#)[Laws/Regulations](#)[Newsroom](#)[Programs](#)[Public Information  
Reports](#)[Publications](#)[Services](#)[Grants/Funding](#)[Upcoming Open Meetings](#)

## Pesticide Dealer

### Regulations to sell or distribute state-limited-use or restricted-use pesticides

The Texas Pesticide Regulations require a person who distributes state-limited or restricted-use-pesticides or regulated herbicides to obtain a pesticide dealer's license from the department. Records of sale or distribution of state-limited-use or restricted-use pesticides must be kept for two years.

A pesticide dealer license is valid for two years and expires on the last day of the month corresponding to the second anniversary of the date on which the license was issued or renewed. The license fee reflects this two-year period.

Pesticide distribution is defined as offering for sale, holding for sale, selling, bartering or supplying.

A dealer must obtain a license for each Texas location used to distribute a pesticide.

A person that does not have a place of business in the state may obtain one license for all out-of-state locations, but must designate a resident agent.

A manufacturer or formulator that does not sell directly to the user or a licensed applicator that distributes the pesticide only as an integral part of the application business and dispenses the pesticide only through application equipment used in the business does not have to obtain a dealer license.

Only licensed applicators can purchase a restricted-use or state-limited-use pesticide or a regulated herbicide.

### :: Related Links

- [Contacts](#)
- [Forms](#)
- [Publications](#)

# AI only, No Brand Names Limited by Container Size

**State-limited-use or Regulated Herbicides** – pesticides containing certain active ingredients, with the potential to cause adverse effects to nontargeted vegetation even when used according to direction. Classified as SLU when distributed in containers larger than one quart liquid or 2 pounds dry or solid.

## State-limited-use

- 2,4-dichlorophenoxyacetic acid (2,4-D)
- 2,4-dichlorophenoxy butyric acid (2,4-DB)
- 2,4-dichlorophenoxy propionic acid (2,4-DP)
- 2-methyl-4-chlorophenoxyacetic acid (MCPA)
- 3,6-dichloro-o-anisic acid (dicamba)
- 3,4-dichloropropionanilide (propanil)
- 5-bromo-3-sec-butyl-6-methyluracil (bromacil)
- 2,4-bis(isopropylamino)-6-methoxy-s-triazine (prometon)
- 3,7-dichloro-8-quinolinecarboxylic acid (quinclorac)
- devices using the active ingredients sodium fluoroacetate (Compound 1080) and sodium cyanide, in any quantity, for livestock predation

## Regulated Herbicides

- 2,4-dichlorophenoxyacetic acid (2,4-D)
- 2-methyl-4-chlorophenoxyacetic acid (MCPA)
- 3,6-dichloro-o-anisic acid (dicamba)
- 3,7-dichloro-8-quinolinecarboxylic acid (quinclorac)

## Who May Purchase

# Contact Information

Texas Department of Agriculture

Todd Staples, Commissioner

- TDA Home
- About TDA
- Employment
- Forms
- Laws/Regulations
- Newsroom
- Programs
- Public Information Reports
- Publications
- Services
- Grants/Funding
- Upcoming Open Meetings

About TDA > TDA Divisions > Pesticide Programs > Pesticide Dealer > Contacts

## Contacts

For additional information on how to obtain a pesticide dealer's license or recordkeeping requirements, call at (512) 463-7622 or 1-800-TELL-TDA.

Please send e-mail to [pesticides@tda.state.tx.us](mailto:pesticides@tda.state.tx.us)

If you have any questions about your license, renewal, need a duplicate license or have a change of address, contact the TDA Licensing Division at 1-877-542-2474 or [license.inquiry@tda.state.tx.us](mailto:license.inquiry@tda.state.tx.us)

Copyright © 2006 Texas Department of Agriculture

|            |      |                   |                 |              |          |               |           |           |                    |
|------------|------|-------------------|-----------------|--------------|----------|---------------|-----------|-----------|--------------------|
| Contact Us | FAQs | Homeland Security | Links/Resources | Renew Online | Site Map | Site Policies | TDA Sites | Texas.gov | Trail State Search |
|------------|------|-------------------|-----------------|--------------|----------|---------------|-----------|-----------|--------------------|

http://ipm.illinois.edu/pubs/iapmh/14chapter.pdf

ated record-keeping requirements. For more information about pesticide safety and the other pesticide, worker, and environmental laws in Illinois, contact your local University of Illinois Extension office. Extension's publication *Pesticide Applicator Training Manual: General Standards* is a valuable resource that addresses pesticide laws and safety issues in detail.

### ILLINOIS PESTICIDE ACT LICENSING REQUIREMENTS

A pesticide license is required of everyone who purchases or applies RUPs. The words "Restricted Use Pesticide" are prominently displayed on every RUP label. Also, anyone applying any restricted or general use pesticides in the course of employment must have a license. However, a person using a general use pesticide on his or her own or rented property is exempt.

The Illinois Department of Agriculture certifies and licenses those individuals who use pesticides in outdoor environments and in the production of agri-

...an agricultural commodity on property they own or control. In addition, private applicators must pass the Grain Fumigation certification exam in order to fumigate their own grain bins. For information concerning private applicator and grain fumigation training and testing, contact your local University of Illinois Extension office. The current fee is \$20 for a 3-year license, with or without Grain Fumigation certification.

**Pesticide Dealer License.** An individual selling restricted use pesticides must be licensed. Also, an individual selling nonrestricted use (general use) pesticides for the production of an agricultural commodity in containers with capacities equal to or greater than 2½ gallons or 10 pounds must be licensed. A test, license, and fee are required for certification. Also, pesticide dealers are required to keep records of RUP sales for 2 years. Commercial Applicators and Structural Pest Control Operators are exempt from the test and fee, but they must register as dealers. The current fee is \$100 for a 1-year license; however, the certification exam is valid for a period of 2 years if no license is

Done

Unknown Zone | Protected Mode: Off

Pesticide Product Search

Search by any or all of these criterias

**Company Name:**

**Product:**

**Restricted Use:**  Yes  No

**Product EPA ID:**

**Active Ingredient:**

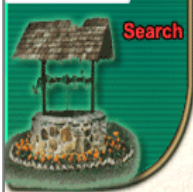
461 Matches *Click column title to sort*

| Product Name                             | EPA Reg. No    | Restricted | Expires    | Company                       |
|--|----------------|------------|------------|-------------------------------|
| 98-2                                     | 8622-12        | Yes        | 12/31/2012 | ICL-IP AMERICA, INC.          |
| AATREX 4L                                | 100-497        | Yes        | 12/31/2012 | SYNGENTA CROP PROTECTION, LLC |
| AATREX NINE-O                            | 100-585        | Yes        | 12/31/2012 | SYNGENTA CROP PROTECTION, LLC |
| ABACUS AGRICULTURAL MITICIDE/INSECTICIDE | 83100-4-83979  | Yes        | 12/31/2011 | ROTAM NORTH AMERICA, INC.     |
| ABAMECTIN E-AG 0.15 EC INSECTICIDE       | 79676-58       | Yes        | 12/31/2012 | GRO-PRO, LLC                  |
| ABBA 0.15 EC                             | 72167-43-66222 | Yes        | 12/31/2012 | MAKHTESHIM - AGAN OF N. AM.   |
| ABBA 0.15 EC MITICIDE/INSECTICIDE        | 66222-139      | Yes        | 12/31/2012 | MAKHTESHIM - AGAN OF N. AM.   |
| ABBA ULTRA                               | 66222-226      | Yes        | 12/31/2012 | MAKHTESHIM - AGAN OF N. AM.   |
| ACETO BIFENTHRIN 2 EC                    | 2749-556       | Yes        | 12/31/2011 | ACETO AGRI. CHEMICALS CORP.   |
| ADJOURN INSECTICIDE                      | 352-515-66222  | Yes        | 12/31/2012 | MAKHTESHIM - AGAN OF N. AM.   |
| AGRI-FLEX MITICIDE-INSECTICIDE           | 100-1350       | Yes        | 12/31/2012 | SYNGENTA CROP PROTECTION, LLC |
| AGRI-MEK SC MITICIDE-INSECTICIDE         | 100-1351       | Yes        | 12/31/2012 | SYNGENTA CROP PROTECTION, LLC |

Internet | Protected Mode: Off



- Environmental Issues
- Geographic Info Systems-GIS
- News & Legislation
- Horse Racing
- Kids Section
- Grants
- Fairs
- Links
- Site Map



# Illinois Dept. of Ag

nutritional chemicals, plant or seed inoculants or soil conditioners or amendments.

32. "Protect Health and Environment" means to guard against any unreasonable adverse effects on the environment.

33. "Registrant" means person who has registered any pesticide pursuant to the provision of FIFRA and this Act.

34. "Restricted Use Pesticide" means any pesticide with one or more of its uses classified as restricted by order of the Administrator of USEPA.

35. "SLN Registration" means registration of a pesticide for use under conditions of special local need as defined by FIFRA.<sup>2</sup>

36. "State Restricted Pesticide Use" means any pesticide use which the Director determines, subsequent to public hearing, that an additional restriction for that use is needed to prevent unreasonable adverse effects.

~~37. "Structural Pest" means any pests which attack and destroy buildings and other structures or which attack clothing, stored food, commodities stored at food manufacturing and processing facilities or manufactured and processed goods.~~

38. "Unreasonable Adverse Effects on the Environment" means the unreasonable risk to the environment, including man, from the use of any pesticide, when taking into account accrued benefits of as well as the economic, social, and environmental costs of its use.

39. "USEPA" means United States Environmental Protection Agency.

40. "Use inconsistent with the label" means to use a pesticide in a manner not consistent with the label instruction, the definition adopted in FIFRA as interpreted by USEPA shall apply in Illinois.

41. "Weed" means any plant growing in a place where it is not wanted.

42. "Wildlife" means all living things, not human, domestic, or pests.

43. "Bulk pesticide" means any registered pesticide which is transported or held in an individual container in undivided quantities of greater than 55 U.S. gallons liquid measure or 100 pounds net dry weight.

44. "Bulk repackaging" means the transfer of a registered pesticide from one bulk container (containing undivided quantities of greater than 100 U.S. gallons liquid measure or 100 pounds net dry weight) to another bulk container (containing undivided quantities of greater than 100 U.S. gallons liquid measure or 100 pounds net dry weight) in an unaltered state in preparation for sale or distribution to another person.

# Indiana Defines RUP

of substances, intended through physiological action, for accelerating or retarding the rate of growth or rate of maturation, or for otherwise altering the behavior of ornamental or crop plants or the produce of ornamental or crop plants, but shall not include substances to the extent that they are intended as plant nutrients, trace elements, nutritional chemicals, plant inoculants, and soil amendments.

~~(26) The term "registrant" means the person registering any pesticide product under this chapter.~~

(27) The term "restricted use pesticide" means any pesticide classified as a restricted use pesticide by the administrator of the United States Environmental Protection Agency or a pesticide that the board has determined to be unduly hazardous to persons, animals, plants, wildlife, waters, or lands, other than the pests it is intended to prevent, destroy, control, or mitigate.

~~(28) The term "rodenticide" means any substance or mixture of substances intended for preventing, destroying, repelling, or mitigating rodents or any other vertebrate animal that the board shall declare to be a pest.~~

(29) The term "weed" means any plant that grows where the plant is not wanted.

(30) The term "aquatic ecologist" means a scientist with a degree in, or extensive training in, or experience in at least one (1) of the following:

(A) Aquatic ecology

8.5 x 11 in

5 of 19

Done Internet

# Indiana Can Restrict by State

*P.L.144, SEC.4.*

## **IC 15-3-3.5-10**

### **Restricted use of pesticides**

Sec. 10. (a) The board may, under IC 4-22-2, do the following:

- (1) By rule, adopt a list of "restricted use pesticides" and "pesticides for use by prescription only" for the state or for designated areas within the state if it finds that the characteristics of the pesticides require that rules restricting their sale, distribution, or use by any person are necessary to prevent undue hazards to persons, animals, wildlife, lands, or waters other than the pests that they are intended to prevent, destroy, control, or mitigate. The board may include in the rule the time and conditions of sale, distribution, or use of such "restricted use pesticides" and "pesticides for use by prescription only" and may, if it deems it necessary to carry out this chapter, require that any or all materials shall be purchased, possessed, or used only under permit, certificate, license, or registration of the state chemist or under certain conditions or in certain quantities or concentrations. The state chemist may require all persons issued permits, certificates, licenses, or



Last update: 08/19/2011

The NYS Pesticide **P**roduct, **I**ngredient and **M**anufacturer **S**ystem (**PIMS**) databases are designed to aid the user in searching for pesticide product information as supplied to the Pesticide Management Education Program (PMEP) by the New York State [Pesticide Product Registration Section](#) within the New York State Department of Environmental Conservation (NYSDEC).

## Topics on This Page

- [NYS PIMS Products Database](#)
- [NYS PIRS - Public \(Site and Pest Searches\)](#)
- [Download NYS PIMS Data](#)
- [Background Information](#)

## NYS PIMS Products Database

The PIMS Products Database contains information for pesticide products **currently** or **previously** registered in New York State with NYSDEC. Select a report:

### [EPA Reg. Number](#)

This search allows you to find products by their EPA Registration Number. (See also Special/Pending Registrations below for additional products.)

# Search State RUPs

**Payor**

Payor Number:

Payor Name:

Active Ingredient Code:

Use:

Type:

Signal Word:

Status: Registered

Restrictions: Class A [NYSDEC 326.2 (a)]

Formulation:

Initial Registration Date:  (MM/DD/YYYY)

Nassau/Suffolk County Use Allowed:

Registrations: current

**Search Options**Display: 25  Records

# New York List Updated Weekly

|                             |  |                |                                   |                             |                      |     |                           |
|-----------------------------|--|----------------|-----------------------------------|-----------------------------|----------------------|-----|---------------------------|
| <input type="checkbox"/> 7  | <a href="#">AVITROL MIXED GRAINS</a>                                     | 11043-4        | AVITROL CORPORATION (11043)       |                             | (a)                  | YES | <a href="#">EPA *</a>     |
| <input type="checkbox"/> 8  | <a href="#">DRAGNET SFR TERMITICIDE/INSECTICIDE</a>                      | 279-3062       | FMC CORP, AG PRODUCTS GROUP (279) |                             | A [NYSDEC 326.2 (a)] | YES | <a href="#">NYS EPA *</a> |
| <input type="checkbox"/> 9  | <a href="#">TOMCAT MOLE KILLER</a>                                       | 12455-101-3240 | BELL LABORATORIES, INC. (12455)   | MOTOMCO, LTD. (3240)        | A [NYSDEC 326.2 (a)] | YES | <a href="#">NYS EPA *</a> |
| <input type="checkbox"/> 10 | <a href="#">MOTOMCO MOLE KILLER</a>                                      | 12455-101-3240 | BELL LABORATORIES, INC. (12455)   | MOTOMCO, LTD. (3240)        | A [NYSDEC 326.2 (a)] | YES | <a href="#">NYS EPA *</a> |
| <input type="checkbox"/> 11 | <a href="#">B-NINE WSG</a>   | 400-478        | CHEMTURA CORPORATION (400)        |                             | A [NYSDEC 326.2 (a)] | YES | <a href="#">NYS EPA *</a> |
| <input type="checkbox"/> 12 | <a href="#">DAZIDE 85 WSG</a>  | 62097-17-82917 | FINE AGROCHEMICALS LTD. (62097)   | FINE AMERICAS, INC. (82917) | A [NYSDEC 326.2 (a)] | YES | <a href="#">NYS EPA *</a> |
| <input type="checkbox"/> 13 | <a href="#">B-NINE WSG</a>   | 400-478-59807  | CHEMTURA CORPORATION (400)        | OHP INC. (59807)            | A [NYSDEC 326.2 (a)] | YES | <a href="#">NYS EPA *</a> |
| <input type="checkbox"/> 14 | <a href="#">TALPIRID</a>   | 12455-101      | BELL LABORATORIES, INC. (12455)   |                             | A [NYSDEC 326.2 (a)] | YES | <a href="#">NYS EPA *</a> |
| <input type="checkbox"/> 15 | <a href="#">DREXEL ENDOSULFAN 3 EC</a>                                   | 19713-399      | DREXEL CHEMICAL COMPANY (19713)   |                             | A [NYSDEC 326.2 (a)] | YES | <a href="#">NYS EPA *</a> |
| <input type="checkbox"/> 16 | <a href="#">CARZOL SP INSECTICIDE (2EE - BROWN MARMORATED STINK BUG)</a> | 10163-265      | GOWAN COMPANY (10163)             |                             | A [NYSDEC 326.2 (a)] | YES | <a href="#">NYS EPA *</a> |
| <input type="checkbox"/> 17 | <a href="#">PROZAP VAPONA 400E</a>                                       | 5481-204-47000 | AMVAC CHEMICAL CORPORATION (5481) | CHEM-TECH, LTD. (47000)     | A [NYSDEC 326.2 (a)] | YES | <a href="#">NYS EPA *</a> |
| <input type="checkbox"/> 18 | <a href="#">VAP-20 AEROSOL INSECTICIDE</a>                               | 47000-71       | CHEM-TECH, LTD. (47000)           |                             | A [NYSDEC 326.2 (a)] | YES | <a href="#">NYS EPA *</a> |
| <input type="checkbox"/> 19 | <a href="#">VAP-5</a>  | 47000-74       | CHEM-TECH, LTD. (47000)           |                             | A [NYSDEC 326.2 (a)] | YES | <a href="#">NYS EPA *</a> |
| <input type="checkbox"/> 20 | <a href="#">RAVAP E.C.</a>   | 61483-50       | KMG- BERNUTH, INC (61483)         |                             | A [NYSDEC 326.2 (a)] | YES | <a href="#">NYS EPA *</a> |



PMEP

## Product, Ingredient, and Manufacturer System

Last update: 08/19/2011



New York State Department of  
Environmental Conservation

PIMS is currently down for maintenance. Please check back later.

**Note:** These NYS pesticide product registration data are intended for **information purposes** only. If you are concerned about the status of a product, please contact the NYS DEC before purchase, distribution, sale, or use. Some products may show a renewal date that has passed. These products are in the re-registration process and continue to be registered pending a re-registration decision. Information contained in the database is updated approximately every week.

[Disclaimer](#) | [Contacts](#) | [Suggestions](#)

Copyright © Cornell University 2010

# Technology Can Help

- Database with Y/N for State RUP by product/state
- No "WHY"" included
- Database providers keep database current
- Integrate into Retail Point of Sale System to "flag" at the point of sale. Streamline regulatory into selling process.
- Using Technology to as Compliance Tool

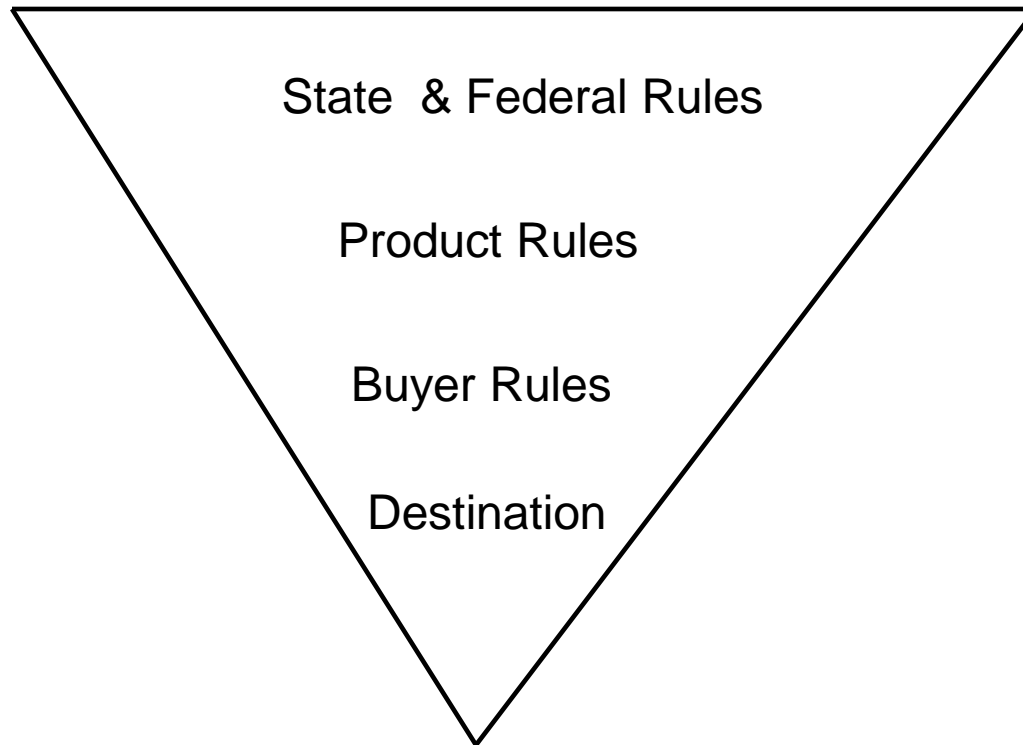
# Parting thought

- **Be Aware**
- **Use all available resources**
- **Contacts at State or State Association**
- **Be open to adopting new technology**

# Questions?



# “Rules” Layers/Pesticides



Pesticide Information Center Online (PICOL) - Windows Internet Explorer

http://cru66.cahe.wsu.edu/labels/Labels.php?SrchType=C&SrchFld=USE&join=AND&yrFld=undefined&stateFld=undefined

File Edit View Favorites Tools Help

Convert Select

Favorites Microsoft Dynamics CRM ... Outlook Web Access

Pesticide Information Center Online (PICOL)

A-Z Index Statewide zzzsis WSU Home Search WSU Web/People

WASHINGTON STATE UNIVERSITY  
World Class. Face to Face.

WSPRS  
**Pesticide Information Center Online**

Print

PICOL Simple Search

PICOL Tutorial

| Item to search on                           | Operator                                 | Common Name   |
|---|--|---|
| AND   | Usage Category                           | EQ  |
| <input type="button" value="Submit Query"/> | <input type="button" value="New Query"/> | blank<br>blank<br>25B-EXEMPT FROM EPA REG.<br>FEDERALLY RESTRICTED USE<br>GENERAL USE<br>SRUP-AQUATIC USE (WA ONLY)<br>SRUP-AQUATIC&CLOPYRALID (WA ON<br>SRUP-AQUATIC&PHENOXY (WA ONLY)<br>SRUP-CLOPYRALID USE (WA ONLY)<br>SRUP-CLOPYRALID&PHENOXY (WA ON<br>SRUP-GROUND WATER (WA ONLY)<br>SRUP-GROUND WATER&PHENOXY (WA<br>SRUP-PHENOXY USE (WA ONLY)<br>SRUP-STRYCHNINE (WA ONLY)<br>SRUP-UNKNOWN (WA ONLY)<br>STATE RESTRICTED USE (WA ONLY) |

**Previous Query**  
Use CategoryEQ BLANK  
States EQ WA  
Year EQ 2011  
AND  
Crop LIKE State Restricted Use  
States EQ WA  
Year EQ 2011


Done Internet | Protected Mode: Off 100%

## PICOL OUTPUT - STANDARD

Use Category EQ STATE RESTRICTED USE (WA ONLY)  
States EQ WA  
Year EQ 2007

| NAME  | EPA #          | SLN # | INGREDIENT                 | CONCENTRATION | REGISTRANT NAME                    |
|---|----------------|-------|----------------------------|---------------|------------------------------------|
| 0.5% STRYCHNINE MILO/HAND BAITING-POCKET GOPHERS    | 56228-19       |       | STRYCHNINE                 | 0.50%         | USDA APHIS-WILDLIFE SERVICES       |
| 0.5% STRYCHNINE SRO FOR HAND BAITING POCKET GOPHERS | 56228-20       |       | STRYCHNINE                 | 0.5%          | USDA APHIS-WILDLIFE SERVICES       |
| 1% SKEETER ABATE                                    | 8329-17        |       | TEMEPHOS (ORGANOPHOSPHATE) | 1%            | CLARKE MOSQUITO CONTROL PRODUCTS   |
| 2,4-D AMINE 4 HERBICIDE                             | 42750-19-5905  |       | 2,4-D                      | 3.8LBS        | HELENA CHEMICAL COMPANY            |
| 2,4-D AMINE WEED KILLER                             | 1386-43-72693  |       | 2,4-D                      | 3.8 LBS       | UNIVERSAL CROP PROTECTION ALLIANCE |
| 2,4-D Lo-V 6E WEED KILLER                           | 1386-616-72693 |       | 2,4-D                      | 5.6 LBS       | UNIVERSAL CROP PROTECTION ALLIANCE |
|   | 1386-60-       |       |                            |               | UNIVERSAL CROP                     |

California Home
Sunday, August 19, 2007



Welcome to *California*

[DPR Home](#)

[About DPR](#)

[Consumer Fact Sheets](#)

[FAQs](#)

[News & Publications](#)

[Programs & Services](#)

[Progress Report](#)



[A - Z Index](#)

[Contact Us](#)

[Join E-Lists](#)

[What's New](#)

## Department of Pesticide Regulation

My CA  DPR

[Search Help](#) [Advanced Search](#)

**Search for Pesticide Products Registered as Restricted Materials**

[Back to Product/Label Database Queries & Lists](#)

This query yields a list of pesticide products that meet the criteria you specify below. To find a pesticide product, follow the simple instructions

**YOU MUST SELECT ONE OR MORE OF THE FOLLOWING CRITERIA:**

---

**Search by Restricted Type:** Federally Restricted ▼

**Search by Chemical Code:** Federally Restricted  
California Restricted  
Both

To find a chemical code, go to [Chemical Code Lookup](#).

**Retrieve actively registered products only:**

To learn more about restricted materials link to the [Restricted Material Permitting page](#).

Done
Internet

# California

- ACTIVE (08/09/1989) CALIFORNIA RESTRICTED  80-20( 8622- 44-AA )
- ACTIVE (08/30/1988) CALIFORNIA RESTRICTED  98-2( 5785- 56-AA )
- ACTIVE (06/19/1980) CALIFORNIA RESTRICTED  98-2 CONTAINS 2% CHLOROPICRIN( 8622- 12-AA )
- ACTIVE (10/29/2001) CALIFORNIA RESTRICTED  AATREX 4L( 100- 497-ZB )
- ACTIVE (10/29/2001) CALIFORNIA RESTRICTED  AATREX NINE-O( 100- 585-ZA )
- ACTIVE (03/11/1993) CALIFORNIA RESTRICTED  ABOLISH 8 EC RICE HERBICIDE( 59639- 79-ZA )
- ACTIVE (03/13/2002) CALIFORNIA RESTRICTED  ACTARA( 100- 938-AA )
- ACTIVE (07/20/2007) CALIFORNIA RESTRICTED  AGRISOLUTIONS 2,4-D AMINE 4( 1381- 103-AA )
- ACTIVE (07/09/2007) CALIFORNIA RESTRICTED  AGRISOLUTIONS 2,4-DB 200 BROADLEAF HERBICIDE( 1381- 215-AA )
- ACTIVE (05/02/2007) CALIFORNIA RESTRICTED  AGRISOLUTIONS STRIKE 3( 14774- 2-AA )
- ACTIVE (01/01/2007) CALIFORNIA RESTRICTED  AGRISOLUTIONS STRIKE 3 ULTRA 2( 228- 455-AA- 1381)
- ACTIVE (06/06/1974) CALIFORNIA RESTRICTED  ALCO SIMAZINE 4G( 5481- 213-AA )
- ACTIVE (08/05/1974) CALIFORNIA RESTRICTED  ALCO SNAIL, SLUG & SOWBUG KILLER( 5481- 97-AA )
- ACTIVE (08/22/2005) CALIFORNIA RESTRICTED  AMINE 4 2,4-D WEED KILLER( 34704- 120-AA )
- ACTIVE (04/24/1992) CALIFORNIA RESTRICTED  AMVAC METAM( 5481- 420-AA )
- ACTIVE (12/14/1972) CALIFORNIA RESTRICTED  AVITROL CORN CHOPS( 11649- 6-AA )
- ACTIVE (09/20/1978) CALIFORNIA RESTRICTED  AVITROL MIXED GRAINS( 11649- 4-AA )