



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Bureau of Pesticides Management
New York Department of Environmental Conservation
625 Broadway
Albany, New York 12233-7254

Date Issued: APR 17 2008
Expiration Date: September 15, 2008
Report Due: March 15, 2009
File Symbol: 08-NY-01

Attn: Cyndi Crowley

The Environmental Protection Agency hereby issues a specific exemption under the provisions of section 18 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended, to the New York Department of Environmental Conservation for the use of formetanate hydrochloride, formulated as the product Carzol Insecticide, to control thrips on dry bulb onions in New York.

Conditions of this exemption are given below:

1. The New York Department of Environmental Conservation (NYDEC) is responsible for ensuring that all provisions of this specific exemption are met. It is also responsible for providing information in accordance with 40 CFR 166.32. Accordingly, a report summarizing the results of this program must be submitted to EPA Headquarters and the EPA Region 2 office by March 15, 2009 or prior to requesting another specific exemption for this use. In accordance with 40 CFR 166.32(a), these offices shall also be immediately informed of any adverse effects resulting from the use of this pesticide in connection with this exemption.

Refer to file symbol 08-NY-01 in any future correspondence regarding this exemption.

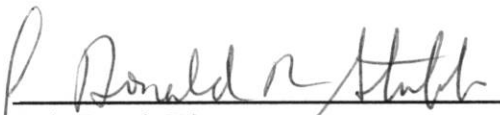
2. The product, Carzol Insecticide (EPA Reg. No. 10163-265), manufactured by Gowan Company, may be applied. All applicable directions, restrictions, and precautions on the federal label and section 18 use directions submitted with your application must be followed.

3. Carzol may be applied as either a single application or as two equal applications. Should growers choose to make a single application, Carzol may be applied at a rate of 1.25 pounds of product per acre per season (1.15 lbs. a.i./acre/season). If growers choose to make two applications, Carzol may be applied at a rate of 0.75 lbs of product per application (0.69 lbs a.i./acre/application). No more than 1.5 lbs of product may be applied/acre/season (1.38 lbs a.i./acre/season).
4. A maximum of 13,600 acres of dry bulb onions may be treated in New York.
5. A 30-day preharvest interval (PHI) will be observed.
6. Residues of formetanate hydrochloride are not expected to exceed 0.02 ppm in or on dry bulb onions as a result of the authorized use under this exemption. A time-limited tolerance has been established at this level and is scheduled to expire on December 31, 2008.

The active ingredient spinetoram has recently become registered for use on onions to control thrips. Efficacy data submitted with this year's application indicate that spinetoram, when applied by ground equipment, is as efficacious as formetanate hydrochloride in controlling this crop/pest problem. What is not clear is whether spinetoram is as efficacious when applied by air. As a condition of this exemption, the NYDEC must conduct studies that evaluate the comparative efficacy, or lack thereof, of the aerial application of spinetoram, methomyl, formetanate hydrochloride, and an untreated control against onion thrips and also Iris Yellow Spot virus incidence. The NYDEC and other states and stakeholders are encouraged to coordinate in the development of this information.

The registrant in conjunction with IR-4 is in the process of developing data to support this use, and therefore, progress toward registration can be considered adequate at this time.

This is the third year that the NYDEC has requested an exemption for this use. In the event that an exemption for this use is requested next year, EPA is making a preliminary determination that this use is eligible for the re-certification program (40 CFR 166.20(b)(5)) in 2009 in conjunction with the efficacy data discussed above.



Lois Rossi, Director
Registration Division
Office of Pesticide Programs

Date: 4/17/08

cc: EPA Region 2
Adrian Enache

SECTION 18 EXEMPTION USE DIRECTIONS

ACCEPTED

FOR USE AND DISTRIBUTION ONLY WITHIN THE STATE OF NEW YORK TO CONTROL THRIPS IN DRY BULB ONIONS

APR 28 2008

Carzol SP

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
PESTICIDE REGISTRATION

EFFECTIVE DATE: April 17, 2008
EXPIRATION DATE: September 15, 2008
FILE SYMBOL NUMBER: 08-NY-01

ACTIVE INGREDIENT	Formetanate hydrochloride (N, N-dimethyl-N-[3-[(methylamino) carbonyl]oxy]phenyl]methanimidamide monohydrochloride)	% BY WT. 92.0%
OTHER INGREDIENTS		8.0%
		TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN

ANGER – POISON
PELIGRO – VENENO



DIRECTIONS FOR USE

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- Follow all applicable directions, restrictions, Worker Protection Standard (WPS) requirements and precautions on EPA-registered label for Carzol SP, EPA Reg. No. 10163-265.
- This label must be in the possession of the user at the time of pesticide application.

CROP	PEST	APPLICATION
DRY BULB ONIONS	Thrips	<p>One application –</p> <p>1) Do not exceed 1.25 lbs formulated product per acre per season (1.15 lbs a.i./acre/season).</p> <p style="text-align: center;"><u>OR</u></p> <p>Two applications –</p> <p>1) Make two applications at 0.75 lbs formulated product per acre per application (0.69 lbs a.i./acre/application). Do not exceed 1.5 lbs formulated product per acre per season (1.38 lbs a.i./acre/season). Applications should be made no less than seven days apart.</p>

- Aerial mixer/loaders must not mix/load more than 217 lbs of formulated product (equivalent to 87 water soluble bags) per person per day.
- Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.
- Do not apply within 30 days of harvest.
- Do not make more than 2 applications per acre per growing season.
- Do not allow spray to drift onto adjacent crops.
- Do not spray while bees are visiting the treatment area.
- Crop residues are not to be fed to livestock.
- The New York State Department of Environmental Conservation must be immediately informed of any adverse effects which may result from the use of this product.
- Observe the following rotational crop intervals following the last application of Carzol SP to dry bulb onions:
 - No restrictions for onions.
 - No restrictions for non-food crops grown for seed: roots and tubers, cole crops, leafy vegetables, and bulb vegetables.
 - No restrictions for livestock feed crops: alfalfa, clover, crown vetch, grass, lespedeza, lupine, trefoil and vetch, including these crops grown for seed.
 - 30 days for leafy vegetables.
 - 120 days for cereal crops.
 - 120 days for root and tuber crops.
 - 120 days for all other crops.

Gowan
The Co To Company

Gowan Company
P.O. BOX 5569
Yuma, AZ 85366-5569