



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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Oregon Department of Agriculture
635 Capitol Street NE
Salem, OR 97310-0110

Date Issued: APR 17 2008
Expiration Date: September 15, 2008
Report Due: March 15, 2009
File Symbol: 08-OR-09

Attn: David Priebe

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 Oregon Department of Agriculture for the use of formetanate hydrochloride, formulated as the product Carzol Insecticide, to control thrips on dry bulb onions in Oregon.

Conditions of this exemption are given below:

1. The Oregon Department of Agriculture (ODA) 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 10 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-OR-09 in any future correspondence regarding this exemption.

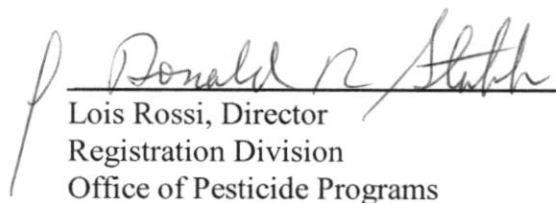
2. The product, Carzol Insecticide (EPA Reg. No. 10163-265), manufactured by Gowan Company, may be applied. All applicable directions, restrictions, and precautions on the federal label and section 18 use directions submitted with your application must be followed.

3. Carzol may be applied at a rate of 0.5 – 1.25 lbs of formulated product (0.46-1.15 lbs a.i.) per application. Do not exceed 1.25 lbs of formulated product (1.15 lbs a.i.) per 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 21,500 acres of dry bulb onions may be treated in Clackamas, Malheur, Marion, Morrow, and Umatilla counties in the state of Oregon.
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 ODA 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 ODA 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 Agency has issued this exemption to the ODA. 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 10
Chad Schulze