



February 20, 2012

Ref: 2012-2-1

Jill Bloom, Review Manager  
US Environmental Protection Agency  
Office of Pesticide Programs  
Special Review and Reregistration Division  
Ariel Rios Building  
1200 Pennsylvania Avenue, N. W.  
Washington, DC 20460

Subject: PCNB Bulb Dip Use Rate

The following information is provided to you from the Western Integrated Pest Management Center regarding your request for use rate information for PCNB when used as dip treatment for bulbs in the Pacific Northwest. I had only two responses regarding this request for information and both are provided below.

Lee Riddle  
Easter Lily Research Foundation  
(541) 469-2215  
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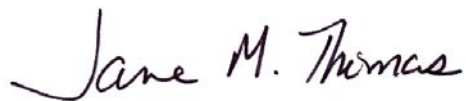
1. Which of the following bulb types do you treat by dip/soak with PCNB and then are set out in the field after treatment: Gladiolus, Hyacinth, Iris, Narcissus, Tulip, Lily (Easter, Asiatic, Oriental)? Mostly Easter but a few Asiatics and Orientals are also grown here.
2. Do you also use PCNB-soaked bulbs for plants grown in greenhouse? If so please indicate which types of bulbs: Gladiolus, Hyacinth, Iris, Narcissus, Tulip, Lily (Easter, Asiatic, Oriental). Lily (Easter). Not exactly soaked bulbs, rather a drench of PCNB is applied into the pot after planting lily bulbs for greenhouse forcing. This is usually only done once just after potting and the use rate is much lower (i.e., 4 to 8 ounces per hundred gallons of water).
3. What is the in-row spacing for field-grown bulbs? 1st Year, Scale plantings are 40 to 80 plants per row foot (580,800 to 1,161,600 plants per acre) 2nd Year, Bulblet plantings are 8 to 15 plants per row foot (116,160 to 217,800 plants per acre) 3rd Year, Yearling plantings are 4 to 6 plants per row foot (58,080 to 87,120 plants per acre).
4. What is the width between rows? 36 inches.

John Roozen (john@waulb.com)  
Jim Finch (jimf@waulb.com)  
Washington Bulb Company  
(630) 424-5533

The Washington Bulb Company has cut back on the use of PCNB. They aren't soaking any bulbs in PCNB prior to planting. This is due to both the cost and the disposal issues for the used soak solution. In the field they have an all-in-one operation where a furrow is mechanically opened, bulbs are dropped in, and just as the furrow is to be closed the PCNB is sprayed in on the bulbs. In the greenhouse PCNB is applied as a granule or drench, preplant, and is soil incorporated before planting. They might also use PCNB preplant in a nursery setting (such as in an ornamental display garden). In their operation raised beds in the field are 40 inches center to center. A band of bulbs in each row is 8 inches. The length of a planted row in 1 acre is 13080 feet. If you have further questions their preference would be answer them in a phone conversation rather than via e-mail.

Thank you for providing us this opportunity for input.

Sincerely,

A handwritten signature in cursive script that reads "Jane M. Thomas". The signature is written in black ink and is positioned below the word "Sincerely,".

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