

## Section 12 Notice      Additional Information Required to Fulfill the Terms and Conditions for Conditional Registration

**Product Name:** ACTARA 240SC INSECTICIDE  
**Registration Number:** 28407  
**Application Number:** 2010-6327  
**PMRA #:** 2159081

During the conditional registration period which has been granted to December 31, 2013, the following information is to be generated and must be provided to the Pest Management Regulatory Agency by **September 1, 2013** and should indicate the DACO numbers specified. A partial response to the outlined Terms and Conditions will not be accepted.

### PART 8      ENVIRONMENTAL CHEMISTRY AND FATE

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**DACO:** 8.5  
**Title:** Fate of thiamethoxam and the transformation product clothianidin in plants such as fruiting vegetables and/or cucurbits, including concentrations in nectar and pollen following in-furrow application.

**Details:** The details of the existing data requirements are refined to address the use expansion to fruiting vegetables and cucurbits. A field study is required which determines the concentration of thiamethoxam and its transformation products in soil and various plant matrices, including nectar and pollen, in a representative bee attractive crop following the highest in-furrow application rates. This study should be conducted in areas and crops which represent uses in Canada. This study should address potential carryover to the next growing season and could be combined with bee hive field study (DACO 9.2.4.3). The applicant is encouraged to consult the study protocol with PMRA before starting of the study.

### PART 9      ENVIRONMENTAL TOXICOLOGY

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**DACO:** 9.2.4.3  
**Title:** Hive Study (field)

**Details:**

**The new study must follow currently accepted guidelines and address concerns regarding potential effects of thiamethoxam and the transformation product clothianidin to bees from soil application. The study should define the actual level of exposure to the test organisms and the effect to the organisms. This study could be combined with thiamethoxam residue in plant study (DACO 8.5). The applicant is encouraged to consult the study protocol with PMRA before starting of the study.**