

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: **2008-0622**
PMRA #: **1880636**

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

DACO: 8.5
Title: Fate of thiamethoxam and the transformation product clothianidin in plants, including concentrations in nectar and pollen.

Deficiencies: A potential risk to bees has been identified and this data is required to refine the risk assessment and determine the potential risk.

Required data: **A study which determines the concentration of thiamethoxam and clothianidin in nectar and pollen of plants (plant fate study).**

PART 9 ENVIRONMENTAL TOXICOLOGY

DACO: 9.2.4.3
Title: Hive Study (field)

Deficiencies: Please note, the previously submitted study was rejected for the following reason: Not having a control or a positive control; for being conducted on a crop not favoured by bees; not having control methods to reduce bee foraging in other crops; the type of dead bee traps used does not address the issue of bees deaths away from the hive (mad bee disease); and, for having too short a time frame.

Required data: The new study must follow currently accepted guidelines and address concerns regarding toxicity of thiamethoxam and the transformation product clothainidin to bees. It is highly recommended that the applicant discuss the protocol with the PMRA before starting of the study.