

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

Product Name: TOUCHDOWN IQ LIQUID HERBICIDE

Registration Number: 27192

Application Number: 2006-7473

PMRA #: 1443092

During the conditional use registration period which has been granted to *December 31, 2008*, the following information is to be generated and must be provided to the Pest Management Regulatory Agency by *December 31, 2007* and should indicate the DACO numbers specified. A partial response to the outlined Terms and Conditions will not be accepted.

PART 9 ENVIRONMENTAL TOXICOLOGY

DACO: 9.8.4
Title: Terrestrial Vascular Plants

Required DATA: **Option 1:**

The following is to be submitted by the date specified above:

A document outlining a protocol for the required green ash study
An interim report providing results-to-date for the green ash study
A final report outlining results and conclusions of the green ash study.

The registrant is to submit a sub-lethal terrestrial plant study. Green ash (*Fraxinus subintegerrima*) has been used effectively in the past as a sensitive test species for exposure to glyphosate in agricultural situations, and the species should be use in this required study. The study should be conducted under field conditions using 2 year old ash. Spraying of leaves with glyphosate (as trimesium salt form) should occur only once and just prior to leaf drop, using application rates less than and equal to the approved application rate. Observations should occur at test initiation, and again in the following spring and summer up to one year. Syngenta must provide a protocol of the green ash study to the PMRA for review, prior to initiating the study. All data must be reported as acid equivalents. The PMRA is able to provide further information and guidance to Syngenta for conducting

this test, if requested. Also an *interim report providing results-to-date for the green ash study is required.*

Option 2:

In lieu of submitting the terrestrial plant study using green ash, Syngenta can obtain a new letter-of-permission from Monsanto stating that the PMRA may use their data under conditions that are applicable towards this Syngenta submission, and attempt to show chemical equivalency between trimesium and other salt forms of glyphosate. This letter of authorization must be submitted within 45 calendar days from the date of this letter and data to show chemical equivalency will be required.