



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

OFFICE OF PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

June 22, 2011

MEMORANDUM

SUBJECT: Effects Determinations for Maneb (PC Code 014505) Relative to the California Tiger Salamander and Designated Critical Habitat for the California Tiger Salamander

FROM: Mah Shamim, Branch Chief
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M. Shamim 06/22/11

TO: Arthur-Jean B. Williams, Associate Director
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Attached is the assessment of potential direct and indirect effects on the Central California, Sonoma County, and Santa Barbara County Distinct Population Segments (DPSs) of the California Tiger Salamander (CTS; *Ambystoma californiense*) arising from FIFRA regulatory actions regarding all registered uses of the maneb (PC Code 014505). In addition, this assessment evaluates whether the action is expected to result in modification of designated critical habitat for the CTS. The attached ecological risk assessment addresses potential risk to the CTS for which maneb was alleged to be of concern in a complaint made by the Center for Biological Diversity against United States Environmental Protection Agency on May 30, 2007 (Case No: 07-2794-JCS).

The attached assessment was conducted consistent with the Agency's Overview Document¹. Effects determinations for this assessment are summarized below:

Based on the best available information, the Agency makes a May Affect, and Likely to Adversely Affect (LAA) determination for the Central California, Santa Barbara County, and Sonoma County CTS DPSs from the labeled uses of maneb as described in the attached document. The effects determination is based on potential direct and indirect effects to CTS. The LAA determination applies to registered non-seed and dip treatment maneb uses in California. Additionally, the Agency has determined that there is the potential for modification of designated critical habitat of the CTS in the Central California and Santa Barbara County DPSs for the use of maneb.

¹ Overview of the Ecological Risk Assessment: Process in the Office of Pesticide Programs, U.S. Environmental Protection Agency: Endangered and Threatened Species Effects Determinations: January 23, 2004.

The LAA determination is based on current uses without consideration of voluntary cancellation requests received from the registrants for all maneb products. Notices indicating that all maneb registered uses are being cancelled have been published in the Federal Register (74 FR 43124, 75 FR 8340, 75 FR 8942 and 75 FR 19967). Based on available information, EPA anticipates that existing stocks for all maneb uses will be depleted by December 31, 2012 due to a negligible supply of maneb stocks existing for uses in 2009 and 2010 (personal communication, Christina Scheltema, June 7, 2011). The Agency anticipates that maneb will have No Effect on the subject species or any species subsequent to December 31, 2012.

Following the Agency's general practice, a proposal to revoke the tolerances for food uses associated with uses no longer registered in the United States was published May 26, 2010 (75 FR 29475). The notice proposes that the revocation become effective the date the tolerance revocation is published. Based on available information, the Agency anticipates that the revocation will be effective December 31, 2012.

As required by the Alternative Consultation Agreement EPA entered into with the U.S. Fish and Wildlife Service and National Marine Fisheries Service (Services), I have been trained by the Services to make such determinations. Additionally, this assessment was subjected to internal Agency peer review throughout its development.

Please let me know if you have any questions regarding this assessment and effects determination for maneb relative to the CTS and potential modification to designated critical habitat.

Attachments