PESTICIDE USAGE MEETING
February 26, 2018
8:30 a.m. – 5:00 p.m.

Location: **U.S. Fish and Wildlife Service Headquarters**
Rachel Carson Conference Center (Ste. 106)(Ground Floor, check in at guard station first)
5275 Leesburg Pike
Falls Church, VA 22041-3803

Conference call line: Conference Line/Code / Ex. 6
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Facilitator: Saman Hussain from Collaborative Action and Dispute Resolution

Meeting Objective Statement:

To complete ESA section 7 consultation on the re-registration of chlorpyrifos, malathion, and diazinon, FWS needs information on the usage of these chemicals in proximity to listed species ranges and critical habitat over the next 15 years. This information will help FWS analyze the direct and indirect effects of the use of these three chemicals on threatened and endangered species. The objective of this meeting is to: (1) identify existing usage data that EPA and USDA have or can obtain, and gain understanding of strengths and the limitations on those data; (2) identify other usage data needed and a plan for collecting available data; and (3) clarify how the usage data will be used in the section 7 consultations.

Desired Outcomes:

- Agreement on available usage data that can be used to determine the direct and indirect effects on listed species.
- Agreement on how to address data gaps and uncertainties.
- Agreement on how data will be used in for Steps 1 and 2 (BEs) and Step 3 (BO analysis).
- Agreement on how to obtain additional key usage data.

Agenda

8:30 a.m. **Opening remarks**
Gina Shultz (FWS)

Introduction from Managers and review meeting objectives and outcomes
Marietta Echeverria (EPA), Cathy Tortorici (NMFS),
Sheryl Kunickis (USDA)

- Brief introduction from Saman Hussain (Facilitator) regarding decision making process and group expectations

8:50 a.m. **Refresher on usage data status** (EPA):

- Usage data that has been provided to the FWS
- Data sources and how BEAD obtains, compiles and utilizes them

9:20 a.m. **FWS analysis of BEAD usage data**
George Noguchi and Nancy Golden (FWS)

- Analysis of BEAD diazinon data summary including what data we have, how it has been used, and further information needed to address gaps and deficiencies (to include information from pre-work requests)
- Data needs for agricultural and non-agricultural uses
- Inclusion of usage data in consultations as data gaps are filled (incorporating information from EPA responses where possible)

9:50 a.m. **Break**

10:00 a.m. **Discussion regarding how to fill data gaps (Agency in parentheses initiates discussion)**

1. Can we increase our understanding of geographic specificity for agriculture data? (EPA and FWS) (1 hr discussion)

2. Identify potential data sources and a process for obtaining data for non-agriculture uses including a process when no usage data are available (FWS) (1 hr discussion)
    - Nurseries
    - Wide-area use
    - Managed forest
    - Pasture
    - Right-of-way
    - Developed and open-space developed
    - Golf courses
    - Mosquito adulticide
    - Other products (i.e., seed treatment, granular and bait)

12:00 p.m. **Break to purchase Lunch (Working lunch)**

12:30 p.m. **Group discussion on how to apply usage data (Agencies share and discuss proposed approaches; Agency in parentheses initiates discussion)**

1. How do we address non-surveyed crops and non-surveyed states (CONUS)? (FWS)
    - 55 min discussion and a 5 min wrap-up
2. How do we estimate pesticide usage in non-CONUS areas? (FWS)
    - 25 min discussion and a 5 min wrap-up

2:00 p.m. **Break**

2:15 p.m. **Continued discussion**

3. How to apply usage data (e.g., PCT) to the risk assessment? (FWS and EPA)
    - What constitutes a robust data set (e.g., per crop, per state)?
    - 2 hr for presentations and discussion
    - 15 min for wrap up

4:30 p.m. **Agreements and Next Steps**

- Summarize path forward for each discussion item

5:00 p.m. **Meeting adjourns**