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# Special Topic: Pesticide Use in USAID Activities



GEMS Environmental Compliance-  
ESDM Training Series

Kenya ▪ June, 2016

# SESSION OBJECTIVES:

- Understand importance of pesticide use in USAID programming
  - Food security, economic growth
  - Vector control, public health
- Characterize adverse impacts of pesticide use on human health and the environment.
- Discuss USAID approach to assessing and mitigating impacts + preparation of compliance documentation.
- Understand “pesticide safer use” from partner perspective and discuss project-based “best practices.”

# PESTICIDE USE

- Key input for increased agricultural production, can promote economic growth
- Used to protect food stocks, important aspect of food aid programming (e.g., FFP)
- Vector control efforts can improve public health
  - PMI, Indoor Residual Spraying (IRS)



# PESTICIDE SAFER USE + COMPLIANCE

- Pesticides are especially harmful to human and environmental health
  - *Pesticides are produced and formulated to kill*
  - *USAID approaches pesticide use with extreme caution*
- Dedicated portion of Reg. 216
  - 22 CFR 216.3(b)—USAID Pesticide Procedures
- Pesticide Evaluation Report and Safer Use Action Plan:  
PERSUAP

# USAID PESTICIDE PROCEDURES

When a project includes assistance for procurement or use, or both, of pesticides registered for the same or similar uses by USEPA without restriction, the Initial Environmental Examination for the project shall include a separate section evaluating the economic, social and environmental risks and benefits of the planned pesticide use to determine whether the use may result in significant environmental impact. Factors to be considered in such an evaluation shall include, but not be limited to the following:

- (a) The USEPA registration status of the requested pesticide;
- (b) The basis for selection of the requested pesticide;
- (c) The extent to which the proposed pesticide use is part of an integrated pest management program;
- (d) The proposed method or methods of application, including availability of appropriate application and safety equipment;
- (e) Any acute and longterm toxicological hazards, either human or environmental, associated with the proposed use and measures available to minimize such hazards;
- (f) The effectiveness of the requested pesticide for the proposed use;
- (g) Compatibility of the proposed pesticide with target and nontarget ecosystems;
- (h) The conditions under which the pesticide is to be used, including climate, flora, fauna, geography, hydrology, and soils;
- (i) The availability and effectiveness of other pesticides or nonchemical control methods;
- (j) The requesting country's ability to regulate or control the distribution, storage, use and disposal of the requested pesticide;
- (k) The provisions made for training of users and applicators; and
- (l) The provisions made for monitoring the use and effectiveness of the pesticide.



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