**Bureau for Food Security** PESTICIDE EVALUATION REPORT AND SAFE USE ACTION PLAN (PERSUAP)

IEE AMENDMENT: §216.3(b) Pesticide Procedures

## PROJECT/ACTIVITY DATA

|  |  |
| --- | --- |
| **Project/Activity Name:** |  |
| **Amendment #:** |  |
| **Geographic Location(s) (Country/Region):** |  |
| **Implementation Start/End:** |  |
| **Solicitation/Contract/Award Number:** |  |
| **Implementing Partner(s):** |  |
| **Tracking ID/link:** |  |
| **Tracking ID/link of Related IEE:** |  |
| **Tracking ID/link of Other, Related Analyses:** |  |

## ORGANIZATIONAL/ADMINISTRATIVE DATA

|  |  |
| --- | --- |
| **Implementing Operating Unit(s):  (e.g. Mission or Bureau or Office)** |  |
| **Funding Operating Unit(s):  (e.g. Mission or Bureau or Office)** |  |
| **Initial Funding Account(s):** |  |
| **Total Funding Amount:** |  |
| **Amendment Funding Date / Amount:** |  |
| **Other Affected Unit(s):** |  |
| **Lead BEO Bureau:** |  |
| **Prepared by:** |  |
| **Date Prepared:** |  |

## ENVIRONMENTAL COMPLIANCE REVIEW DATA

|  |  |
| --- | --- |
| **Analysis Type:** | §216.3(B) Pesticide Procedures - PERSUAP |
| **Environmental Determination(s):** | * Negative Determination * Positive Determination |
| **Pesticide Procedures Expiration Date:** |  |
| **Additional Analyses/Reporting Required:** |  |
| **Climate Risks Considerations / Conditions** |  |

# PeRSUAP Summary *Limit this Summary to 1-2 pages*

### PURPOSE AND SCOPE OF THis PERSUAP

When a project includes assistance for procurement or use of pesticides registered for the same or similar uses by USEPA without restriction, the Initial Environmental Examination (IEE) 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 (22 CFR 216.3(b)(1)).

### PERsuap rational

*Limit this section to 1-2 paragraphs. Start with this statement:* This is an amendment to the Initial Environmental Examination (IEE) for (project/activity title), per 22 CFR 216.3(b). *Then provide a very brief summary of the project/activity and why pesticides will be required. Describe budgeting for expected pesticide management and safe use action plan.*

### Pesticide Evaluation Report (PER)

This section of the PERSUAP contains reviews for all recommended pesticides which may be utilized in this project. Any expenditure of USAID funds which involve the use of pesticides (purchase, recommendation, training, or other related support) require a pesticide review according to the procedures described in §216.3(b)(l)(i) through (v).

### Safe use action plan (SUAP)

This section describes the actions which will be taken to ensure each of the pesticide recommended in this PERSUAP can be used safely by the intended project participant. This includes complete and implementable plans for: 1) targeted training for farmers, agricultural extension agents, handlers, applicators; 2) establishing pesticide quality, use of regulatory labels (or other guidance), and container standards; 3) pesticide-appropriate PPE to be sustainably used and supplied; 4) location-specific good practice methods for safe pesticide transport, storage, handling, use, and disposal, as well as safe management and disposal of empty pesticide containers.

### Prohibited materials analysis (PMA)

### This section is separate from the pesticide evaluation report, and focuses on information and analysis regarding pesticides which should NOT to be used in project implementation, as well as other related environmental information.

### Expected pesticide use

*Provide a very summary of the planned pesticide use or procurement. Will there be a direct purchase of pesticides? Will pesticide use be supported? How will pesticide safety be addressed? What kind of training programs will support safe pesticide use?*

### IMPLEMENTATION

In accordance with 22CFR216 and Agency policy, the conditions and requirements of this document become mandatory upon approval.

USAID APPROVAL of Pesticide Procedures

**PROJECT/ACTIVITY NAME:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| **Approval:** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ [NAME], Mission Director or Washington DC Equivalent ***[required]*** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date |
| Clearance: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ [NAME], Activity Manager ***[as appropriate]*** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date |
| Clearance: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ [NAME], A/COR ***[required]*** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date |
| Clearance: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ [NAME], Mission Environmental Officer ***[as appropriate]*** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date |
| Clearance: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ [NAME], Regional Environmental Advisor ***[as appropriate]*** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date |
| Clearance: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ [NAME], Regional Legal Officer ***[as appropriate]*** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date |
| Clearance: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ [NAME], Other ***[as appropriate]*** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date |
| **Concurrence:** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ [NAME], \_\_\_\_\_\_\_ Bureau Environmental Officer ***[required]*** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date |
| **Concurrence:** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ [NAME], \_\_\_\_\_\_\_\_ Bureau Environmental Officer ***[other BEOs, as appropriate]*** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date |

# Pesticide Evaluation Review And Safe Use Action Plan  (PERSUAP)

### crop / pest information

*Include basic identification on target crop or pest, including as much agronomic information as possible, including sowing and harvest timing. Cover as much basic biology of key pests as possible. Explain why pesticides are needed to manage pests on this crop.*

### integrated pest management

*Explain how IPM will be utilized in this project. Fully describe location specific information on crop injury levels for pest population numbers which require intervention, best practice monitoring for regular field surveys, examples of an appropriate record-keeping system (pest ID, pest #’s, damage noted, decisions made, actions taken, and results). Discuss pest management approaches appropriate for pest, crop, expertise, materials, and local ecosystem, as well as any existing local farmer IPM tactics. Review control options, which may or may not include pesticides. Pesticide management options can include pesticides, cultural controls, mechanical control, sanitary methods, natural controls, biological control, and host Plant Resistance. Explain how this IPM will be a sustainable component once the project ends.*

### pesticide information *– This section, and the PER below, need to be in a Physically Separate Section*

*Explain why pesticides are being considered as an appropriate management option, focusing on the selected pesticides and site specific rational for including these pesticides as appropriate management tools for this specific target crop and pest complex. Compile information on expected pesticide use, pesticide effectiveness, potential alternatives to proposed pesticides, critical toxicology issues, key environmental hazards, location-specific pesticide use conditions, application and PPE issues, container and material disposal guidance, partner Country regulatory issues, key training elements, and monitoring guidance. In addition, add any appropriate lessons learned from other PERSUAPs, especially those used in the same location or region.*

### Pesticide Evaluation Report (PER)

*Any expenditure of USAID funds which involve the use of pesticides (purchase, recommendation, training, or other related support) shall evaluate each pesticide according to the procedures described in §216.3(b)(l):*

1. *The USEPA registration status of the requested pesticide;*
2. *The basis for selection of the requested pesticide;*
3. *The extent to which the proposed pesticide use is part of an integrated pest management program;*
4. *The proposed method or methods of application, including availability of appropriate application and safety equipment;*
5. *Any acute and long-term toxicological hazards, either human or environmental, associated with the proposed use and measures available to minimize such hazards;*
6. *The effectiveness of the requested pesticide for the proposed use;*
7. *Compatibility of the proposed pesticide with target and non-target ecosystems;*
8. *The conditions under which the pesticide is to be used, including climate, flora, fauna, geography, hydrology, and soils;*
9. *The availability and effectiveness of other pesticides or nonchemical control methods;*
10. *The requesting country's ability to regulate or control the distribution, storage, use and disposal of the requested pesticide;*
11. *The provisions made for training of users and applicators; and*
12. *The provisions made for monitoring the use and effectiveness of the pesticide.*

**Table 1: Summary of Pesticides Approved for [*project/activity*]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Active Ingredient / Technical Name**  **(Trade Name)** | **EPA Registration Status** | **Toxicity Class**  **(EPA/WHO signal word)** | **Crop / Pest** | **Pre-Harvest Interval** | **Environmental Toxicity Issues** |
| [*Pesticide 1*] |  |  |  |  |  |
| [*Pesticide 2*] |  |  |  |  |  |
| [*Pesticide 3*] |  |  |  |  |  |
| *[Add rows as needed]* |  |  |  |  |  |

### pesticide data sheets *– This needs to be a Physically Separate Section*

*As appropriate for PERSUAP and number of pesticides covered (25 or less), use one Pesticide Data Sheet (PDS) for each Active Ingredient / Formulation / Product. The PDS should be a summary of pesticide information contained in the PERSUAP, and should not exceed one page. The intent of the PDS is to give a quick and precise overview of key pesticide information that otherwise may be contained in different parts of the PERSUAP. Use PDS template below.*

### Safe use action plan (SUAP) *– This needs to be a Physically Separate Section*

*Explain what actions this project will be taken by this project to ensure that each of the pesticide recommended in this PERSUAP can be used safely by the intended project participant. This should include complete and implementable plans for: 1) targeted training for farmers, agricultural extension agents, handlers, applicators; 2) establishing pesticide quality, use of regulatory labels (or other guidance), and container standards; 3) pesticide-appropriate PPE to be sustainably used and supplied; 4) location-specific good practice methods for safe pesticide transport, storage, handling, use, and disposal, as well as safe management and disposal of empty pesticide containers. . Describe budgeting for expected pesticide management and the safe use action plan.*

*Provide a list of the implementation team members, what their duties are, and a timeline of when things will get done. Describe the training programs for farmers, handlers, applicators. Establish a sustainable plan to ensure pesticide quality, use of labels or other guidance, and container standards. Describe the plan which will be used to ensure that pesticide-appropriate PPE is sustainably used and supplied. Create location-specific good practice methods for safe pesticide transport, storage, handling, use, and disposal.*

*The following table template can be used to implement a robust Safer Use Action Plan (SUAP). Additional information can be added, depending on location needs and issues. The end result should be a clear plan to ensure all aspects of USAID funded pesticide use focus on safety.*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Project Title: | | | | | |
| Pesticide(s): | | | Crops: | | |
| Location Common Name(s): | | | Target Pests: | | |
| Required Compliance Mitigation Measures | | Compliance Dates | Actions to achieve compliance | Responsible Party | Status |
| Capacity Building | Technical Assistance for Trainers |  |  |  |  |
| Development and Distribution of Educational Material |  |  |  |  |
| Training of Pesticide Handlers |  |  |  |  |
| Local Issues | Establish Pesticide Quality Standards |  |  |  |  |
| Require Good Packaging and Clear, Adequate Labeling |  |  |  |  |
| Safer Pesticide Use | Ensure Accessibility of Personal Protective Equipment |  |  |  |  |
| Define Appropriate Procedures for Safe Pesticide Transport |  |  |  |  |
| Define Appropriate Methods for Safe Pesticide Storage |  |  |  |  |
| Define Disposal Provisions for Used  Pesticide Containers |  |  |  |  |
| Long-Term Program | Coordination, Collaboration, Awareness raising, Surveillance, Control Management, Research |  |  |  |  |

### Prohibited materials analysis (PMA) *– This needs to be a Physically Separate Section*

*Add any information and analysis on pesticides which should NOT to be used in project implementation, or other related environmental information.*

### MITIGATION & MONITORING *– This needs to be a Physically Separate Section*

*Describe how pesticide use, as well as the safe use action plan, will be monitored, and how any identified hazards will be mitigated. Describe how such information will be documented and reported. It is critical that funds are allocated for this work, and responsible personnel are identified early in the project. See EMMP guidance for more information.*

**USAID Pesticide Data Sheet (PDS)** DO NOT EXCEED ONE PAGE

Date: Project: Location:      USAID Tracking Code:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Active Ingredient (AI): | | | Pesticide Use Type: | | | | | |
| Formulation: | | % AI: | Location Common Names: | | | | | |
| USEPA registration status, code, & date: | | | Location registration status & date: | | | | | |
| US Common Name: | | | USEPA Tox Signal word: | | USEPA RUP flag: | | | WHO Tox Class: |
| Chemical Abstract Service (CAS) Registry Number: | | | USEPA PC Code: | | | Location Registration Code: | | |
| 1. Basis for Selection: | 2. Crop / Target: | | | 3. Pest / Disease: | | | 4. Effectiveness: | |
| 5. Alternatives: | 6. Role in IPM: | | | 7. Human Toxicological Hazards | | | 8. Environmental Hazards | |
| Long-Term: | | | General: | |
| Acute: | | | Non-Target Organisms: | |
| Non-Target Ecosystems: | |
| 9. Location Environmental Conditions: | 10. Application Methods: | | | 12. Storage Provisions and Disposal Issues: | | | 14. Training Program Elements: | |
| 11. Personal Protective Equipment: | | | 13. Location Regulatory Issues | | |
| 15. Monitoring Plan: | | | | | | | | |