

Certification

I certify the completeness and the accuracy of the mitigation and monitoring plan described above for which I am responsible and its compliance with the IEE:


Signature

18/4/13
Date

Danica Reno
Print Name

IFDC
Organization

BELOW THIS LINE FOR USAID USE ONLY

USAID/Sudan, Clearance of EMP:

Cognizant Technical Officer:  Date: 22 April 2013

Mission Environmental Officer:  Date: 22 April, 2013

As appropriate: REA, BEO [depending on nature of activity, which potentially may require an EA]

Note: if clearance is denied, comments must be provided to applicant

Regulation 216 Compliance for USAID/Sudan
Environmental Management Plan (EMP)
January 2010

The EMP must be completed by each organization carrying out activities under USAID/Sudan. It will include the organization's own report plus the EMPs of any sub-awardees, to capture the entire range of activities funded by USAID/Sudan under the bi-lateral award. The USAID/Sudan implementing partners are responsible for ensuring that each sub-awardee completes and submits the EMP to the prime in a timely fashion. The EMPs are reviewed and approved by the CTO and the Mission Environmental Officer.

The EMP consists of 3 parts:

1. The Environmental Verification Form
2. The Mitigation Plan for specific environmental threats carried out by the implementer,
3. The Reporting Form

The EMP Environmental Verification Form

This form indicates the categories of activities carried out by implementing partners (or their sub-awardees) and serves to 'trigger' USAID expectations of mitigation measures.

The EMP Mitigation Plan

Implementing partners will use the Mitigation Plan to describe the specific actions they will undertake under each category of activity when screening reveals potential environmental threats as outlined in Section 3 of this IEE. In these cases, mitigation will be undertaken as described in Section 5, Table 4 of this IEE. The Mitigation Plan also identifies the person responsible for monitoring compliance with mitigation and the indicator, method and frequency of monitoring.

The EMP Reporting Form

This form reports on the results of applying the mitigation measures described in the Mitigation Plan and identifies outstanding issues with respect to required conditions. In some cases, digital photos will be the best way to document mitigation and should be included in the report.

USAID/Sudan

EMP Part 1 of 3: Environmental Verification Form

USAID/Sudan Award

Name Seeds for Development

Date of Screening: _____

Name of Prime Implementing

Organization: IFDCFunding Period for this award: FY2011- FY 2013Name of Sub-awardee Organization (if this EMP is for a sub):

Current FY Resource Levels: FY _____

Geographic location of USAID-funded activities
(Province, District): Eastern, Central and Western
EquatoriaThis report prepared by:
Name: Danica Reno Date: Feb 28, 2013
Date of Previous EMP for this organization:
_____ (if any)**Indicate which activities your organization is implementing under this funding.**

Key Elements of Program/Activities Implemented		Yes	No
1	<ul style="list-style-type: none"> • education, technical assistance or training programs • analyses, studies, academic or research workshops and meetings; • document and information transfers; • Studies, projects or programs intended to develop the capability of recipient countries to engage in development planning, except to the extent designed to result in activities directly affecting the environment (such as construction of facilities, etc.); 	X	
2	Development and dissemination of improved milling and agricultural production technologies for selected crops, or private sector delivery of animal health services	X	
3	Increased agricultural production	X	
4	Seeds, Germplasm, Exotic Species	X	
5	Dissemination of biotechnology products		X
6	Road construction		X
7	Small-scale construction or rehabilitation of buildings and water & sanitation infrastructure		X
8	Sub-Grants		X

EMP Part 2 of 3: Mitigation Plan

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<p>Category of Activity from Section 5 of IEE</p>	<p>Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of the IEE)</p>	<p>Description of Mitigation Measures for these activities as required in Section 5 of IEE</p>	<p>Who is responsible for monitoring</p>	<p>Monitoring Indicator</p>	<p>Monitoring Method</p>	<p>Frequency of Monitoring</p>
<p>Dissemination of seeds, germplasm, exotic species and biotechnology products</p>	<p>Invasive species supplanting native species.</p>	<p>Phytosanitary certificates will be provided for all seeds procured. Seeds will be inspected by MAF, who will conduct germination tests. Hybrid seed cannot crossbreed with local varieties. Monitoring of planted seed to ensure that invasive species are not present</p>	<p>IFDC/MAF</p>	<p>Phytosanitary Certificate Uniform growth of planted seeds Periodic monitoring of planted seeds</p>	<p>Collection of certificate Visual inspection</p>	<p>Each round of importation During germination and crop maturity</p>
<p>Intensification of agricultural production, including irrigation, fertilization and pesticide use.</p>	<p>Eutrophication of lakes, drinking water contamination, overuse of fertilizer</p>	<p>IFDC will train agrodealers and extension agents on proper fertilizer use. Quantities distributed will be limited to one feddan per farmer. Fertilizer amounts distributed will be significantly lower than the estimated plant requirements to avoid leeching and contamination due to soil erosion.</p>	<p>IFDC/AgMark</p>	<p>Number of agrodealers and extension agents trained on application of fertilizers.</p>	<p>Attendance sheets from training sessions Adoption of the fertilizer application by farmers</p>	<p>Quarterly</p>
<p>Capacity building and technical assistance</p>	<p>None</p>	<p>N/A</p>	<p></p>	<p></p>	<p></p>	<p></p>

Category of Activity from Section 5 of IEE	Describe specific environmental threats of your organization's activities (based on analysis in Section 3 of the IEE)	Description of Mitigation Measures for these activities as required in Section 5 of IEE	Who is responsible for monitoring	Monitoring Indicator	Monitoring Method	Frequency of Monitoring

EMP part 3 of 3: Reporting form

USAID/Sudan

List each Mitigation Measure from column 3 in the EMP Mitigation Plan (EMP Part 2 of 3)	Status of Mitigative Measures	List any outstanding issues relating to required conditions	Remarks

<p>Phytosanitary certificates will be provided for all seeds procured. Seeds will be inspected by MAF</p>	<p>Phytosanitary certificates provided: MAF will conduct inspection upon seed entry into the country</p>	<p>MAF must inspect seeds once they cross the border</p>	
<p>MAF will conduct testing at their research facilities and approve seed varieties which are suitable to import</p>	<p>Complete</p>	<p>None</p>	
<p>IFDC will train agrodealers on storage, use and handling of fertilizer and hybrid seed.</p>	<p>Agrodealer trainings are ongoing and will be reported in quarterly reports</p>	<p>None</p>	
<p>IFDC will broadcast radio shows and hold field day demonstrations to engage farmers and disseminate information</p>	<p>Radio broadcasts are ongoing. Field day timing will correspond with local rainfall and the traditional planting season</p>	<p>None</p>	