

# **Appraisal Report**

## **Appraisal of Honduras Drought Emergency Relief Project in the Southern Provinces**

**TaiwanICDF**

**October 2012**

**Prepared by**

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## 1. Executive Summary

In southern Honduras, rainfall in certain areas has been more than 80 percent lower than average during 2012. Most small-scale farmers do not have irrigation systems on their farmland, and without water, production for the first farming season was incredibly low. Small-scale farmers and low income families were affected the most. Poor production has resulted in food shortages and no income. Farmers will not be able to afford seeds and fertilizer to replant now or during subsequent farming seasons.

According to the data collected from interviews, most areas to be targeted through the project did not have sufficient rainfall for the first farming season. On, average, 90.80% of corn and 77.45% of beans were lost in the project target areas. Since most of the population in the target areas are engaged in agriculture and associated business, livelihoods have been severely affected. Aid resources are necessary in the target areas.

<b>Local Information</b>	
Cities	Apacilagua, Morolica, Marcovia, Langué, Alianza, Colomoncagua, Masaguara
Population	More than 80% population are in agricultural sector
Average Cultivation Area	0.5 to 5 mz <sup>1</sup>
Main Crops	Beans and corn
Main Vegetables	Tomato, onion, banana
Average Crop Yield	Corn: 2,871 lbs. / mz (1.86 t / ha.) Bean: 1,725 lbs. / mz (1.11t / ha.)
Average Yield for the First Season 2012	Corn: 264 lbs. / mz (0.17t / ha.) Bean: 389 lbs. / mz (0.18t / ha.)
Main Problems	Lack of certified seed, fertilizer, and technical assistance
Aid Resources	No other aid resources in agricultural sector

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<sup>1</sup> A manzana is the unit of area used in Honduras. One manzana (mz) is equal to 0.7 hectares.

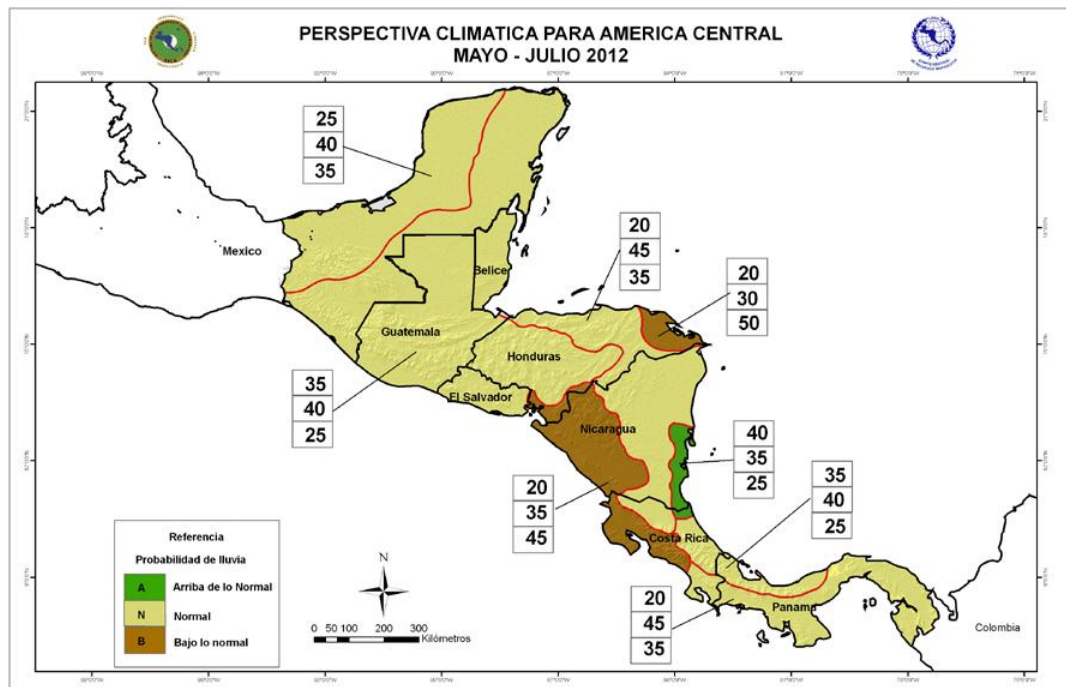
A home garden irrigation system and the distribution of seeds and fertilizer could ease the situation in the second farming season. The project implementing agency, DICTA, should be capable of procuring certified seeds, fertilizer and irrigation system components, as well as offer sufficient technical assistance to project beneficiaries. The selection of beneficiaries will be implemented under the supervision of local municipalities, which could increase the transparency of the project.

One criteria for the selection of project beneficiaries is to offer farmland and counterpart project inputs (such as labor and water supplies for home garden irrigation systems), which could lower the project risks. During the appraisal, only one municipality was found to receive extra support — from Oxfam, in the education sector. All target areas remain short of aid resources in agriculture, so the risk of resource duplication and wastage is low. The project will begin once the memorandum of understanding is signed.

## 2. Introduction

The southern part of Honduras is characterized as an environmentally vulnerable region; it is deeply affected by the El Niño and/or La Niña climate patterns, which have in turn been influenced by global climate change. Extreme climate patterns have resulted in unstable food production and increased risk to local food security.

The rainy season in southern Honduras lasts for six months. Rain is expected from May to October. During these six months, farmers can plant double crops of corn and beans (using 90-day varieties).

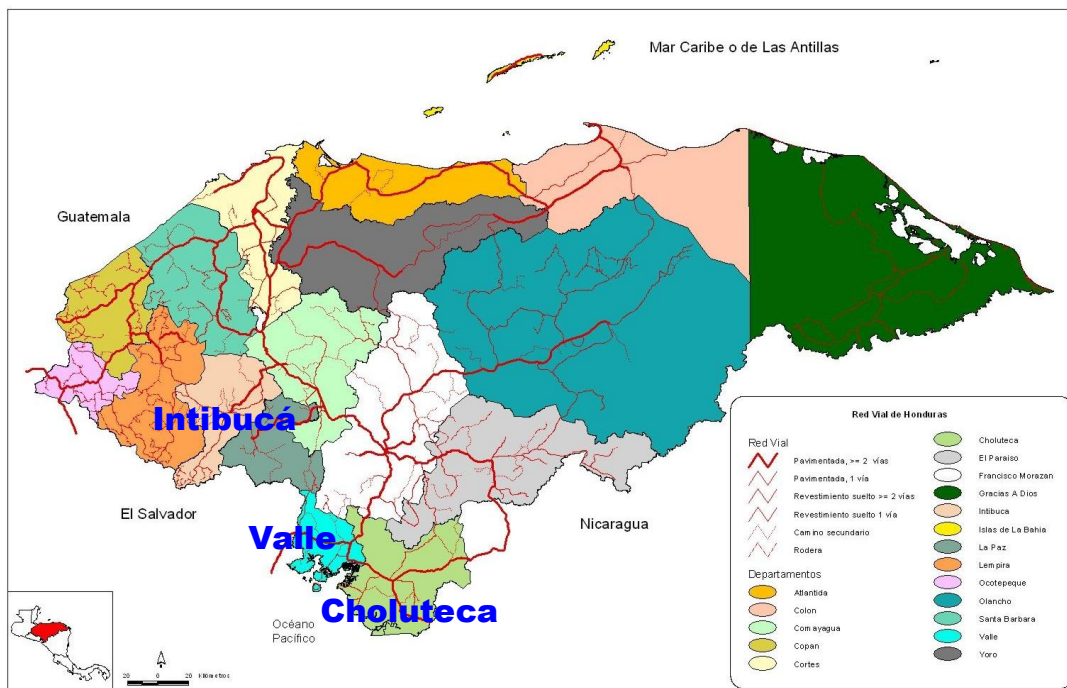


During 2012, rains have not come as usual. The chart above clearly shows that from May to July 2012, the average precipitation of southern Honduras was lower than normal. In southern Honduras, rainfall in certain areas was more than 80 percent lower than average. Most small-scale farmers do not have irrigation systems on their farmland, so without water, the production for the first farming season was incredibly

low. The United Nations Food and Agriculture Organization (FAO) estimates that more than 50 percent of crops have been lost in southern Honduras.

Small-scale farmers and low income families were affected the most. Poor production has resulted in food shortages and no income. Farmers will not be able to afford seeds and fertilizer to replant now or during subsequent farming seasons.

Small-scale farmers are requesting emergency assistance from the government. The Agricultural Science and Technology Agency of Honduras (DICTA) applied for humanitarian assistance from the TaiwanICDF. DICTA will focus on the departments of Choluteca, Valle and Intibucá, where the drought has been worse than in other departments. By building home garden irrigation systems, beneficiaries will be able to produce agricultural products without being constrained by the climate. DICTA will also offer technical support and necessary inputs to project beneficiaries.



### 3. Project Summary

The project proposal was created in September 2012<sup>2</sup>; the project summary is described as below<sup>3</sup>:

Project Summary	
<b>Project name</b>	Plan de emergencia para la producción de cultivos alimenticios en apoyo a los damnificados de la región sur. ('project')
<b>Goal</b>	To alleviate the food shortages caused by drought in southern Honduras
<b>Objectives</b>	<ul style="list-style-type: none"><li>• Assist 1,500 families to establish home gardens for food production.</li><li>• Train 1,500 families to use a bio-intensive approach toward agricultural production.</li></ul>
<b>Location</b>	Choluteca, Valle and Intibuca departments, Honduras
<b>Beneficiaries</b>	1,500 families
<b>Duration</b>	Nine months (October 2012 – June 2013)
<b>Funding requested</b>	US\$200,000
<b>Total budget</b>	US\$316,410

### 4. Field Observation and Assessments

To assess the local situation, the TaiwanICDF teamed up with DICTA on this appraisal mission. Mission members included project managers and specialists.<sup>4</sup> The mission ran from September 18 to 24, 2012.<sup>5</sup> In the target areas described below, most farmers have two farming seasons. The first farming season is from May to July, and the second farming season is from August to October.

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<sup>2</sup> Please refer to Annex 1 for the complete project proposal.

<sup>3</sup> Please refer to Annex 2 for the project design and monitoring framework.

<sup>4</sup> Please refer to Annex 3 for the mission member list.

<sup>5</sup> Please refer to Annex 4 for the mission schedule.



## **Local Situation**

### Apacilagua, Department of Choluteca

Population	12,000 (90% population in agriculture sector)
Average Cultivation Area	1 to 5 mz
Main Crops	Beans and corn
Main Vegetables	Tomato, onion, pepper and cabbage
Average Crop Yield	Corn: 3,000 lbs. / mz (1.94 t / ha.) Bean: 1.200 lbs. / mz (0.78 t / ha.)
Average Crop Yield for the First Season 2012	Corn: 600 lbs. / mz (0.38 t / ha.) Bean: 600 lbs. / mz (0.38 t / ha.)
Description of the Drought Situation 2012	For the first farming season, it only rained for a week at the beginning of May. Most crops died for lack of water. The second farming season was due to start in September; however, there was no rainfall at all until September 19. Farmers are still waiting for more rain before starting planting, for fear of losing their remaining seeds.
Main Problems	Lack of certified seed, fertilizer, and technical assistance. Would like to try to plant vegetables with higher market value for subsidy.

### Morolica, Department of Choluteca

Population	6,170 (90% population in agriculture sector)
Average Cultivation Area	1 mz
Main Crops	Beans, corn and sorghum
Main Vegetables	Tomato, cashew, cucumber, jujube and banana
Average Crop Yield	Corn: 1,500 lbs. / mz (0.97 t / ha.) Bean: 1.200-1,500 lbs. / mz (0.78-0.97 t / ha.)
Average Crop Yield for the First Season 2012	Corn: 150 lbs. / mz (0.38 t / ha.) Bean: 120-150 lbs. / mz (0.08-0.1 t / ha.)

Description of the Drought Situation 2012	For the first farming season, the rain came earlier than usual; however, it stopped when farmers started to plant. For the second farming season, from July to September, it only rained for one day.
Main Problems	Lack of certified seed, fertilizer, and technical assistance. This area is experienced with planting bananas but the market is very limited. More than 85 percent of bananas in this area were wasted. Marketing assistance is required.

#### Marcovia , Department of Choluteca

Population	50,000 (50% population in agriculture sector)
Average Cultivation Area	1 to 2 mz
Main Crops	Beans and corn
Main Vegetables	Tomato, yucca (cassava), pumpkin, banana, avocado, sweet potato
Average Crop Yield	Corn: 2,600 lbs. / mz (1.68 t / ha.) Bean: 1.200 lbs. / mz (0.78 t / ha.)
Average Crop Yield for the First Season 2012	Corn: 0 lbs. / mz Bean: 0 lbs. / mz
Description of the Drought Situation 2012	From 2010, the climate has been extremely unstable: short of rain in 2010; excessive rain in 2011. For the first farming season this year, it only rained for one week in April (which is earlier than usual). For the second farming season this year, it only rained for three days.
Main Problems	Lack of certified seed, fertilizer, and technical assistance.

#### Langue , Department of Valle

Population	22,500 (70% population in agriculture sector)
Average Cultivation Area	1 to 4 mz
Main Crops	Beans, corn and sorghum
Main Vegetables	Tomato, onion, cucumber, carrot, jujube, banana,

	avocado, papaya and cashew
Average Crop Yield	Corn: 3,000 lbs. / mz (1.94 t / ha.) Bean: 1,800 lbs. / mz (1.17 t / ha.)
Average Crop Yield for the First Season 2012	Corn: 0-800 lbs. / mz (0.52 t / ha.) Bean: 0-800 lbs. / mz (0.52 t / ha.)
Description of the Drought Situation 2012	Production was severely hampered by floods last year and drought this year. Very little rain came during the first farming season, and there was no rainfall at all for the second farming season.
Main Problems	Lack of certified seed, fertilizer, and technical assistance. Tenant farmers are common in this area, but due to the production, they will not be able to afford the rent for farmland.

#### Alianza , Department of Valle

Population	120,000 (90% population in agriculture sector)
Average Cultivation Area	1 to 2 mz
Main Crops	Corn
Main Vegetables	Tomato, papaya, peanut, banana, carrot, pepper, cucumber
Average Crops Yield	Corn: 4,000-5,000 lb / mz (2.59-3.24 t / ha.)
Average Crops Yield for the First Season 2012	Corn: 0-200 lb / mz (0.13 t / ha.)
Description of the Drought Situation 2012	This area is mountainous, so flooding has not occurred before. According to municipal authorities, there was no rainfall at all in the first farming season this year, and very little rain in the second season.
Main Problems	Lack of certified seed, fertilizer, and technical assistance. Traders usually have contracts with local farmers for crops and vegetables, but due to the lack of rain, to date no traders have promised any contracts, and farmers have not planted.

Colomoncagua , Department of Intibuca

Population	19,000 (80% population in agriculture sector)
Average Cultivation Area	0.5 to 1 mz
Main Crops	Beans, corn and sorghum
Main Vegetables	Yuca, tomato, pepper, cashew and avocado
Average Crop Yield	Corn: 2,500 lbs. / mz (1.62 t / ha.) Bean: 1,800 lbs. / mz (1.17 t / ha.)
Average Crop Yield for 2012	Corn: 400 lbs. / mz (0.26 t / ha.) Bean: 200 lbs. / mz (0.13 t / ha.)
Description of the Drought Situation 2012	<i>Puccinia</i> occurred on corn last year due to excessive rainfall. According to municipal authorities, there was no rainfall from May to August this year.
Main Problems	Lack of certified seed, fertilizer, and technical assistance. This area is mountainous, so due to the cooler climate, corn requires six months before it is ready to harvest. Fast-growing varieties would be helpful to this area.

Masaguara , Department of Intibuca

Masaguara	
Population	25,000 (90% population in agriculture sector)
Average Cultivation Area	1 to 2 mz
Main Crops	Beans, corn and coffee
Main Vegetables	Pumpkin, onion, chayote, banana, watermelon and guava
Average Crop Yield	Corn: 3,000 lbs. / mz (1.94 t / ha.) Bean: 3,000 lbs. / mz (1.94 t / ha.)
Average Crop Yield for 2012	Corn: 200 lbs. / mz (0.13 t / ha.) Bean: 1,000 lbs. / mz (0.64 t / ha.)
Description of the Drought Situation 2012	According to municipal government authorities, there was very little rainfall for the first farming season, and there was no rainfall for the first two months of the second farming season.
Main Problems	Lack of certified seed, fertilizer, and technical assistance. Water irrigation systems are in high

demand in this area.
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According to the data collected from interviews, most target areas did not have sufficient rainfall for the first farming season. More than 80 percent of production was lost. Since most of the population in the target areas are engaged in agriculture and associated business, livelihoods have been severely affected. Aid resources are necessary in the target areas.

### **Implementing Agency**

#### **DICTA**

DICTA's main objective is to ensure that people in Honduras have access to effective technology for agricultural development. It has branches in each department targeted by the project. Each area has its own regional project coordinator and qualified technicians. DICTA is also experienced in the distribution of agricultural materials. Additionally, it has research fields to produce certificated seeds for distribution within Honduras. Therefore, DICTA should have sufficient human resources, the proper technology, adequate equipment and facilities and the ability to acquire sufficient volumes of certificated seed for the project. DICTA will work with local authorities, such as municipalities, to identify beneficiaries. Overall, DICTA should be capable of implementing the project.

### **Criteria of Beneficiaries**<sup>6</sup>

After discussion with DICTA and the Taiwanese embassy, the criteria for project beneficiaries are listed as follows:

- (1) Groups in extreme poverty (households headed by females and ethnic minorities to be given priority).
- (2) Households living in mountainous or isolated areas.

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<sup>6</sup> Please refer to Annex 5 for the origin Spanish copy.

- (3) Households not owning their own land, and those planting for home consumption or planting staple grains on areas of less than 3 mz.
- (4) Households, preferably those with children, not meeting two out of five basic needs:
  - (i) Households without basic hygiene facilities; or
  - (ii) Households having difficulty obtaining food.
- (5) Households committed to being part of an alternative financing mechanism (savings).
- (6) Households whose members are producers in project areas.
- (7) Households that have suffered from climate change-induced losses to their crops.
- (8) Households that have an area of 50 to 100 m<sup>2</sup> at home to establish home garden systems.
- (9) Households with low levels of agricultural technology.
- (10) Households engaged to follow the technology recommendations proposed by the project.
- (11) Households that have pledged not to use perform controlled burning as part of their cultivation methods.
- (12) Households committed to using project materials only for agricultural production.
- (13) Households whose members are not public employees.

### **Feasibility of the project**

DICTA is capable of procuring certified seeds and offering sufficient technical assistance to project beneficiaries. The selection of beneficiaries will be implemented under the supervision of local municipalities, which could increase the transparency of the project.

One criteria for the selection of project beneficiaries is to offer farmland and counterpart project inputs (such as labor and water supplies for home garden irrigation systems), which could lower the project risks.

During the appraisal, only one municipality was found to receive extra support — from Oxfam, in the education sector. All target areas remain short of aid resources in agriculture, so the risk of resource duplication and wastage is low.

## **5. Recommendations**

The recommendations for the project are as follows:

- (1) DICTA must work with local municipalities to select beneficiaries, and ensure that all beneficiaries are qualified. Documents showing that beneficiaries satisfied project criteria will be needed as part of the project.
- (2) To monitor the progress of production, GPS locations of each beneficiary are required.
- (3) Technical assistance is vital to the project. To achieve standard production, project technicians must visit fields at least every two weeks. Regional project coordinators must submit reports to DICTA every two weeks. DICTA must submit monthly reports to the TaiwanICDF. The final report (including financial reports) should be submitted to the TaiwanICDF within 30 days of the end of the project. All reports submitted to the TaiwanICDF should be **written in English** and copied to the Taiwanese embassy in Honduras.
- (4) DICTA should submit a receipt or formal letter stating that it has received aid resources from the TaiwanICDF following the signing of the memorandum of understanding.

- (5) Project funding will be disbursed in two installments:
- The first installment for procurements for which public bidding procedures are not required;
  - The second installment for public bidding procurements.
- In order to receive disbursements, DICTA should submit a request letter enclosing receipts, quotations or debit notes to the Taiwan Embassy in Honduras.
- (6) DICTA should open an independent project account for the receipt of installments.
- (7) DICTA should identify the TaiwanICDF and Taiwan as a source of aid during the project in its communications, signage and other media.
- (8) All remaining budget must be used for project-related activities such as promotion, maintenance or the purchase of project supplies.
- (9) Please refer to Annex 6 for the project memorandum of understanding. All rights and obligations of the project parties are defined therein.



# Annex I – Project Application Form



Del Despacho del Señor  
Secretario

## SECRETARIA DE ESTADO EN LOS DESPACHOS DE AGRICULTURA Y GANADERIA REPUBLICA DE HONDURAS

Nota-SAG-635-2012

Tegucigalpa, MDC.  
21 de Agosto de 2012

IVAN 芳

Excelentísimo Señor Embajador:

in 0822  
IVN

Tengo el alto honor de dirigirme a su Excelencia, con ocasión de enviarle un afectuoso saludo.

Aprovecho esta oportunidad para remitirle el **Proyecto "PLAN DE EMERGENCIA PARA LA PRODUCCIÓN DE CULTIVOS ALIMENTICIOS EN APOYO A LOS DAMNIFICADOS DE LA REGIÓN SUR, FRONTERIZA HONDURAS EL SALVADOR, a fin de aplicar al fondo de Asistencia Humanitaria de Taiwán"**, por un valor de **DOSCIENTOS MIL DOLARES (\$200,000.00)**, que aspiramos sea financiado por su ilustrado Gobierno.

Reitero a su Excelencia mis muestras de consideración y alta estima.

  
**Jacobo Regalado**  
Secretario de Estado



Excelentísimo Señor  
**Joseph Y. L. Kuo**  
Embajador de la República de China (Taiwán)  
Su Despacho

Boulevard Miraflores, Ave. La FAO, Tegucigalpa, M.D.C., Honduras, C.A.  
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Sub-Secretario de Agricultura: 239-8851, FAX: 231-1547 Sub Secretario de Ganadería: 239-8017, FAX 232-9338  
Asesores: 232-5007, 239-7886, FAX 232-8827  
www.sag.gob.hn  
Apto. Postal 309

International Cooperation and Development Fund, TaiwanICDF  
Application Form for Humanitarian Assistance Project



PART 1 – APPLICANT INFORMATION

<b>1 Applicant Information</b>			
1-1 Organization Name Dirección de Ciencia y Tecnología Agropecuaria, DICTA	1-2 Application Date 2012/08/14		
1-3 Organization Type <input checked="" type="checkbox"/> Government Ministry/ Agency <input type="checkbox"/> NGO <input type="checkbox"/> Locally Owned Enterprise <input type="checkbox"/> Government/ State Owned Enterprise <input type="checkbox"/> NPC <input type="checkbox"/> Foreign Owned Enterprise <input type="checkbox"/> University/ Research Institute <input type="checkbox"/> Other _____			
<b>2 Contact Information</b>			
Dr./Mr./Mrs./Miss		Surname (Last name) Perez	
Mr.		Given Name (First Name) Jeovany	
Primary Telephone No. 504-22324096	Ext. 504-2232451	Secondary Telephone No. 504-2232451	Exl. 504-22320899
Address: Bl. Centroamérica, Col. Lama Linda, Ave La FAO Tegucigalpa, Francisco Morazan, Honduras			
Email foerz.dicta@gmail.com; adunnaway@gmail.com			
<b>3 Profile and History of your Organization</b>			
<p>Please provide a brief description of your organization's history. For example:</p> <ul style="list-style-type: none"> <li>• Mission/ mandate/ goals</li> <li>• Date organization formed, etc.</li> <li>• La DIRECCION DE CIENCIA Y TECNOLOGIA AGROPECUARIA, DICTA, fue creada por medio de la LMDSA, Decreto No. 31-92 del 5 de marzo de 1992.</li> <li>• Inicio operaciones en el año 1995.</li> <li>• Es un Organismo descentralizado, técnica, financiera y administrativamente, adscrita a la Secretaría de Agricultura y Ganadería, SAG.</li> <li>• Misión: Diseñar, dirigir, normar y ejecutar los programas de investigación, transferencia de tecnologías, fomento de la agricultura familiar que permitan desarrollar las capacidades de innovación de los productores que resulte en un aumento en la productividad y producción agropecuaria, mejoramiento de sus condiciones socio económicas, disponibilidad de alimentos y seguridad alimentaria en un ámbito de equidad social y de sustentabilidad ambiental.</li> <li>• Visión: Somos la institución pública líder en el desarrollo científico y tecnológico del sector agroalimentario del país que incide en la aplicación de políticas públicas a nivel nacional y presta los servicios a los productores/as de forma eficaz, eficiente y con alto grado de responsabilidad, calidad y transparencia.</li> </ul>			

## PART 2 - PROJECT INFORMATION

2-1	Project Title <b>PRO HUERTA: PLAN DE EMERGENCIA PARA LA PRODUCCION DE CULTIVOS ALIMENTICIOS EN APOYO A LOS DAMNIFICADOS DE LA REGIÓN SUR, Fronteriza Honduras El Salvador.</b>
2-2	Project Background La zona sur de Honduras se caracteriza como una región vulnerable desde el punto de vista ambiental a raíz de los permanentes fenómenos naturales especialmente originados por los cambios climáticos ocasionados por el Niño o la Niña que lógicamente vulneran la seguridad alimentaria y nutricional de los pobladores rurales. En el mes de octubre 2011 ocurrió la tormenta tropical 12-E, que dejó una cantidad de daños en la producción agrícola de la zona sur aunado a pérdidas de vidas humanas y otras de tipo material como vivienda, infraestructura pública y privada, siendo los más afectados los pequeños productores agrícolas y familias de escasos recursos. Durante el presente año se ha prolongado la sequía en esa zona, aumentando los índices de inseguridad alimentaria en la zona. La producción de alimentos se ha visto disminuida y de no tomarse medidas en el corto plazo se agudizará la escasez de alimentos en el primer trimestre del año 2013. El pro-huerta colabora con recursos (insumos agrícolas y asistencia que den paso a conocimientos manejo y cuidados que se debe brindar a los cultivos a nivel de huertos y/o parcelas productoras de granos básicos. También promueve que las familias en cada comunidad adopten nuevas prácticas que les permitan mejorar su producción y se logra el apoyo interinstitucional en las regiones. Esta propuesta es la Fase I del Proyecto ya que se proyecta apoyar 5,000 productores.
2-3	Project Summary DEPARTAMENTOS: Choluteca, Valle, Lempira e Intibucá.
Project Location	1,500 familias con índices de inseguridad alimentaria, bajos niveles de consumo de alimentos sanos, desnutrición infantil, escasez de alimentos y de ingresos durante el año.
Number and Background of Target Beneficiaries	Anticipated Start Date: 2012/09/01; Anticipated Completion Date: 2013/02/28
Project Period	Dirección de Ciencia y Tecnología Agropecuaria, DIGTA
Executing Agency	Total Project Budget (in USD): \$ 200,000.00
Brief Project Summary	El proyecto está enmarcado en el abordaje de la seguridad alimentaria de la Región Fronteriza Honduras El Salvador en los departamentos de Choluteca, Valle, Lempira e Intibucá. Consiste en la entrega de insumos y asistencia técnica, con la capacitación progresiva, la participación solidaria y el acompañamiento sistemático de las acciones en terreno por parte de instituciones locales y el Gobierno de Honduras. Tiene como objetivo general contribuir a la seguridad alimentaria de 1,500 familias en situación de pobreza a través del crecimiento sostenido y sustentable del sector agroalimentario. Con el proyecto se beneficiarán: 1,500 familias en los siguientes aspectos: 1) Programa de Inversiones: Donación de insumos para el cultivo de huertos familiares de diversificación y producción de granos básicos. 2) Desarrollo de capacidades: Asistencia técnica y Capacitación para la mejora de la producción.

**PART 3 - PROJECT FRAMEWORK AND DESCRIPTION**

PART 3 - PROJECT FRAMEWORK AND DESCRIPTION				
3-1	Project Goal			
	<ul style="list-style-type: none"> <li>➤ 1,500 familias establecen proyectos productivos (huertos ó parcelas) para la producción de alimentos.</li> <li>➤ Capacitadas 1,500 familias en el uso de la metodología de cultivos biointensivos y granos básicos.</li> </ul>			
3-2	Proposed Key Activities			
Activities				
	To achieve the project goal, please list each activity/sub-activity in chronological order	Start Date	End Date	Outputs
		YYYY/MM/DD	YYYY/MM/DD	For each activity listed, please indicate output(s) where applicable
	Activity 1: Dotación de insumos	2012/09/01	2013/02/28	Compra de insumos a beneficiarios
	Activity 2: Asistencia Técnica y Capacitación	2012/09/01	2013/02/28	Eventos de Capacitación y asistencia técnica grupal
	Activity 3: Administración del proyecto	2012/09/01	2013/02/28	Informes
3-3	Project Outcome(s)			
	<ul style="list-style-type: none"> <li>➤ Contribuido a la seguridad alimentaria de 1,500 Familias</li> <li>➤ Promovida la producción intensiva de los huertos o parcelas familiares.</li> </ul>			



## DECLARATION

On behalf of my/ our organization ("organization"), I/ we confirm that I/ we have read and understood the objective, principles and criteria of International Cooperation and Development Fund, Taiwan(CDF), and I/ we understand that the following conditions must be met in order to satisfy funding eligibility:

- This application will only be effective under the endorsement of a Taiwan Embassy/ Representative Office or Taiwan Technical Mission;
- The organization agrees that this application form creates no obligation on the part of the Taiwan(CDF) to provide funding;
- The organization confirms that all the information as provided in the application is true and accurate. The organization understands and accepts that any false declaration of information will disqualify the organization from the project or result in the withdrawal of the Taiwan(CDF) from the project, whichever is applicable, even if the project is already under implementation;
- The organization confirms that this application has been vetted by the organization's Board of Directors and the signature below is that of the CEO/ Chairperson/ President or Senior Financial Officer/ Treasurer;
- The organization must demonstrate to the Taiwan(CDF) that it has adequate human resources, experience and financial resources required to carry out its responsibilities;
- The organization must comply with all domestic federal/ national, provincial/ territorial and/ or municipal laws relevant to the preparation, implementation and funding of the project;
- The organization agrees that information provided on this application form will be collected and used by the Taiwan(CDF) to determine the eligibility of its application and proposal for funding in accordance with the relevant rules of the Taiwan(CDF);
- The organization agrees that information provided on this application form may be disclosed to third parties for purposes of assessing its application and funding proposal;
- The organization confirms that there is no conflict of interest relative to its relationship with the Taiwan(CDF);

**If this application is approved by the Taiwan(CDF):**

- The organization agrees to **submit regular reports and/or a final report and a financial report**, describing project progress, including photos, to the Taiwan(CDF), the reporting date(s) of which will be agreed to in the future memorandum of understanding;
- The organization agrees to participate in promotional activities that the Taiwan(CDF) may arrange in connection to the project, as may be reasonably expected under the prevailing circumstances, at the expense of the Taiwan(CDF);
- The organization agrees that the Taiwan(CDF) has the right to terminate some or all project funding, including but not limited to, if any misconduct is identified;
- The organization agrees that any costs incurred prior to signing a contribution agreement, unless authorized by Taiwan(CDF), are not eligible for reimbursement;

- The organization agrees to comply with the Taiwan(CDF)'s objective, principles and criteria and understands that failure to meet these may result in non-payment and/ or obligation to reimburse payments already received;
  - The organization agrees to develop and implement a performance management framework and reporting system to measure the performance of the project, provide regular progress reports and a performance report summarizing project reach, results achieved and resources expended;
  - The organization agrees to allow Taiwan(CDF) personnel to participate in field surveys and provide assistance toward project post evaluation;
  - The organization agrees to provide appropriate recognition to the government of the Republic of China (Taiwan) for the provision of financial assistance;
  - The organization agrees that, if approved, information provided about the project may be posted on the Taiwan(CDF)'s website;
  - The organization agrees that the Taiwan(CDF) or Taiwan will not be liable for any claims for damage and the organization will indemnify the Taiwan(CDF) or Taiwan from any claims for damage caused by the organization or third parties related to the activities carried out during the project either by the organization or on its behalf;
  - The organization agrees to ensure that Taiwan(CDF) funding will not be used to pay federal employees or to reimburse costs incurred by them while collaborating on the project (i.e., to attend a meeting or conference, deliver a presentation, act as an expert or collaborate in research).
- I/We declare that the information given in this application is to the best of my/ our knowledge, complete, true and correct.

**SIGNATURES:**

<b>Signature of Applicant</b>  Authorized Representative of Applicant
Title <u>Executive Manager</u>
Name of Applicant's Organization <u>Dirección de Ciencia y Tecnología Agropecuaria DICTA.</u>
Date <u>August 21st, 2012</u>

<b>Signature of Recommendation from Taiwan</b>
Representative of Taiwan
Title
Name of Taiwanese Organization
Date

PRESUPUESTO						
Objeto del gasto	Cantidad	Valor c/u	Meses	Lps	\$	
<b>INVERSIONES</b>						
Huertos	1500	2,600.00	1	3,900,000.00	200,000	
		2,600.00		3,900,000.00	200,000.00	
<b>DESARROLLO HUMANO</b>						
Promotores agrícolas	15	15,000.00	6	1,350,000.00	69,231	
Gastos de capacitación	1	60,000.00		500,000.00	25,641	
		75,000.00		1,850,000.00	94,871.79	
<b>Gastos de funcionamiento</b>						
Jefe de proyecto	1	30,000.00	6	180,000.00	9,231	
Administrador	1	10,000.00	6	60,000.00	3,077	
Gastos de funcionamiento	1	30,000.00	6	180,000.00	9,231	
		70,000.00		420,000.00	21,538.46	
<b>TOTAL PROYECTO</b>				<b>6,170,000.00</b>	<b>316,410.26</b>	

PRESUPUESTO POR HUERTO					
	Cantidad	Valor c/u	Lps	\$	
Semilla de hortalizas			200		10
	5		200		10
Frutales			40		21
	2		400		21
Fertilizante bocachi			200		51
	1		1000		51
Sistema riego			1000		0
Semilla de granos básicos					0
	20		300		15
Maiz			15		26
	20		500		26
Frijol			25		133
	20		2600		133



## Annex II – Project Design and Monitoring Framework

Project Summary	Performance Targets/ Indicators	Data Sources/ Reporting Mechanisms	Assumptions and Risks
<p><b><u>Impact</u></b> Reduce poverty and increase food security in 11 municipalities.</p>	<p>Reduced food expenditures.</p>	<p>Survey of beneficiaries' income and expenditure.</p>	<p><b><u>Assumptions</u></b> Government policies and strategies remain consistent in supporting rural areas and poverty reduction.</p> <p><b><u>Risks</u></b> Other natural disasters occur.</p>
<p><b><u>Outcome</u></b> Beneficiaries are able to continue crop and vegetable production.</p>	<ul style="list-style-type: none"> <li>• Cultivation area of beneficiaries is restored to original level.</li> <li>• Increase of vegetable cultivation area.</li> </ul>	<ul style="list-style-type: none"> <li>• Survey of crop and vegetables cultivation area of each beneficiary.</li> <li>• GPS satellite images of each beneficiary.</li> </ul>	<p><b><u>Assumptions</u></b> Climatic conditions are normal and there are no widespread crop or vegetable diseases.</p> <p><b><u>Risks</u></b></p> <ul style="list-style-type: none"> <li>• Extreme climate continues during the second farming season.</li> <li>• Widespread crop or vegetable diseases occur.</li> </ul>
<p><b><u>Outputs</u></b></p> <ul style="list-style-type: none"> <li>• List of 1,500 beneficiaries. <ul style="list-style-type: none"> <li>➤ Meeting with municipalities and community leaders to identify project beneficiaries.</li> <li>➤ Verify the current status of beneficiaries.</li> <li>➤ Community diagnosis and data collection.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• A list and related documents of 1,500 beneficiaries documenting the criteria of project beneficiaries.</li> </ul>	<ul style="list-style-type: none"> <li>• Reports from DICTA.</li> </ul>	<p><b><u>Assumptions</u></b></p> <ul style="list-style-type: none"> <li>• Communities are willing to offer support.</li> </ul> <p><b><u>Risks</u></b></p> <ul style="list-style-type: none"> <li>• Low transparency in selection of beneficiaries.</li> </ul>

<ul style="list-style-type: none"> <li>• 1,500 home gardens established. <ul style="list-style-type: none"> <li>➤ Agricultural materials procurement.</li> <li>➤ Irrigation systems procurement.</li> <li>➤ Materials distribution.</li> <li>➤ Systems establishment.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Amount and types of certified seed purchased.</li> <li>• Amount of home garden irrigation systems purchased.</li> <li>• Proof of receipt (of donated equipment) from beneficiaries.</li> <li>• Amount of finished home garden system.</li> </ul>	<ul style="list-style-type: none"> <li>• Reports from DICTA.</li> <li>• Field monitoring missions from the TaiwanICDF.</li> </ul>	<p><b><u>Assumptions</u></b></p> <ul style="list-style-type: none"> <li>• IA is able to procure qualified project components.</li> <li>• Ownership of facilities and maintenance responsibilities are agreed upon and allocated among concerned communities.</li> </ul>
<ul style="list-style-type: none"> <li>• Training services for 1,500 beneficiaries.</li> </ul>	<ul style="list-style-type: none"> <li>• Numbers of training events.</li> <li>• Numbers of beneficiaries served by extension workers.</li> </ul>	<ul style="list-style-type: none"> <li>• Reports from DICTA.</li> <li>• Field monitoring missions from the TaiwanICDF.</li> </ul>	<p><b><u>Assumptions</u></b></p> <ul style="list-style-type: none"> <li>• Qualified technicians remain in service and given positions where their expertise is used effectively.</li> <li>• Stakeholders are dedicated to agricultural production.</li> <li>• Project beneficiaries are able to provide counterpart inputs to the project, mainly in the form of labor, farmland and water supplies for irrigation systems.</li> </ul>
<ul style="list-style-type: none"> <li>• Reports.</li> </ul>	<ul style="list-style-type: none"> <li>• Numbers of monthly reports and final report.</li> </ul>	<ul style="list-style-type: none"> <li>• Reports from DICTA.</li> <li>• Field monitoring missions from the TaiwanICDF.</li> </ul>	<p><b><u>Assumptions</u></b></p> <ul style="list-style-type: none"> <li>• Qualified project coordinators and managers remain in service.</li> </ul> <p><b><u>Risks</u></b></p> <ul style="list-style-type: none"> <li>• Delays in reporting.</li> </ul>

<b><u>Activities and milestones:</u></b>											<b><u>Inputs</u></b>	
Goal	Activities	2012			2013						TaiwanICDF	
		III	IV		I			II			Home garden materials costs: US\$200,000	
		Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	<u>ICTA</u>
Project Management	Project document preparation											Human resources costs: US\$94,872
	Project appraisal											Operational costs: US\$21,538
	Project negotiation											
	Signing of Agreements											
	Transfer of funds											
	Meeting with municipalities and community leaders to identify the project beneficiaries											
	Verify the current status of beneficiaries											
	Community diagnosis and data collection											
Establish 1,500 home gardens	Materials procurement											
	Materials distribution											
	Training in establishing home garden irrigation systems											
	Training in agricultural production											
Project Monitoring	Project Progress Reports											
	Final Report											

<b>Project Budget</b>					
<b>Item</b>	<b>Amount</b>	<b>Value</b>	<b>Months</b>	<b>Lps</b>	<b>US\$</b>
<b>Home garden inputs per household</b>					
Vegetable seeds				200	10
Fruit seedling	5	40		200	10
Fertilizer	2	200		400	21
Irrigation system	1	1,000		1,000	51
Corn seeds	20	15		300	15
Bean seeds	20	25		500	26
Subtotal				2600	133
Home garden inputs for project	1500	2,600	1	3,900,000	200,000
<b>Human resources</b>					
Agricultural promoters	15	15,000	6	1,350,000	69,231
Training costs	1	0		500,000	25,641
				1,850,000	94,872
<b>Operational costs</b>					
Project manager	1	30,000	6	180,000	9,231
Administrator	1	10,000	6	60,000	3,077
Operational costs	1	30,000	6	180,000	9,231
		70,000		420,000	21,538
<b>TOTAL</b>					
				<b>6,170,000</b>	<b>316,410</b>

### **Annex III – Mission Member List**

<b>Name</b>	<b>Title</b>	<b>Country Represented</b>
Ana Dunnaway	Chief of UPEG and projects, DICTA	Honduras
Misael Espiroza	Special Project Manager, DICTA	Honduras
Hetor Kiguel Mereado Fernandez	Regional Coordinator of Choluteca Department, DICTA	Honduras
Emanuel Hernandez	Regional Coordinator of Intibuca Department, DICTA	Honduras
Wei-ping Chen	Specialist, Taiwan Mission	Taiwan
Regine Liu	Project Manager, TaiwanICDF	Taiwan

## Annex IV – Mission Schedule

<b>Mission Schedule</b>			
<b>Date</b>	<b>Activities</b>	<b>Members</b>	<b>Location</b>
Sep 15 (SAT)	1950 BR0018 departure	Ms. Regine Liu, project manager of TaiwanICDF.	Taipei
Sep 18 (TUE)	1430 AA0955 arrived Tegucigalpa	Ms. Regine Liu, project manager of TaiwanICDF.	Tegucigalpa
	1500 meeting with DICTA	<ul style="list-style-type: none"> <li>• Ing. Francisco Jeovany Perez Valenzuela, director of DICTA.</li> <li>• Ing Armando Bustillo, deputy director of DICTA.</li> <li>• Ing. Alexis Rodriguez Flores, deputy director of DICTA.</li> <li>• Ing. Ana Dunnaway, chief of UPEG and projects, DICTA.</li> <li>• Ing. Misael Expiroza, special project manager, DICTA.</li> <li>• Mr. Chih-cheng Han, counselor of Taiwan embassy in Honduras.</li> <li>• Mr. Ker-shih Hsih, chief of Taiwan Mission.</li> <li>• Mr. Wei-ping Chen, specialist of Taiwan Mission.</li> <li>• Ms. Regine Liu, project manager of TaiwanICDF.</li> </ul>	
Sep 19 (WED)	1100 visit DICTA branch in Choluteca 1130 Visit ANDAH (National Agriculture Association in Honduras) 1240 Visit Apacilagua municipality 1530 Visit Morolica municipality	<ul style="list-style-type: none"> <li>• Ing. Ana Dunnaway, chief of UPEG and projects, DICTA.</li> <li>• Ing. Misael Expiroza, special project manager, DICTA.</li> <li>• Ing. Hector Kiguel Mereado Fernandez, regional coordinator in Choluteca and Valle, DICTA.</li> <li>• Mr. Recardo Gomez Portillo, executive director, ANDAH</li> <li>• Mr. Wei-ping Chen, specialist of Taiwan Mission.</li> <li>• Ms. Regine Liu, project manager of TaiwanICDF.</li> </ul>	Choluteca
20-Sep (THU)	0830 Visit Marcovia municipality 1030 Visit Langué municipality 1240 Visit Alianza municipality 1700 Stay in Comayagua	<ul style="list-style-type: none"> <li>• Ing. Ana Dunnaway, chief of UPEG and projects, DICTA.</li> <li>• Ing. Misael Expiroza, special project manager, DICTA.</li> <li>• Ing. Hector Kiguel Mereado Fernandez, regional coordinator in Choluteca and Valle, DICTA.</li> <li>• Mr. Recardo Gomez Portillo, executive director, ANDAH</li> <li>• Mr. Wei-ping Chen, specialist of Taiwan Mission.</li> <li>• Ms. Regine Liu, project manager of TaiwanICDF.</li> </ul>	Valle Comayagua

21-Sep (FRI)	0900 Visit DICTA branch in Intibuca 1600 Visit Colomoncagua municipality 2000 Stay in Intibuca	<ul style="list-style-type: none"> <li>• Ing. Ana Dunnaway, chief of UPEG and projects, DICTA.</li> <li>• Ing. Misael Expiroza, special project manager, DICTA.</li> <li>• Ing. Emanuel Hernandez, regional coordinator in Intibuca, DICTA.</li> <li>• Mr. Ernesto Vargas, DICTA technician in Intibuca.</li> <li>• Mr. Wei-ping Chen, specialist of Taiwan Mission.</li> <li>• Ms. Regine Liu, project manager of TaiwanICDF.</li> </ul>	Intibuca
22-Sep (SAT)	1100 Visit Dolores municipality 1700 Visit Masaguara municipality 2100 Stay in Comayagua	<ul style="list-style-type: none"> <li>• Ing. Ana Dunnaway, chief of UPEG and projects, DICTA.</li> <li>• Ing. Misael Expiroza, special project manager, DICTA.</li> <li>• Ing. Emanuel Hernandez, regional coordinator in Intibuca, DICTA.</li> <li>• Mr. Ernesto Vargas, DICTA technician in Intibuca.</li> <li>• Mr. Wei-ping Chen, specialist of Taiwan Mission.</li> <li>• Ms. Regine Liu, project manager of TaiwanICDF.</li> </ul>	Intibuca Comayagua
Sep 23 (SUN)	0900 Head to Tegucigalpa	<ul style="list-style-type: none"> <li>• Ing. Ana Dunnaway, chief of UPEG and projects, DICTA.</li> <li>• Ing. Misael Expiroza, special project manager, DICTA.</li> <li>• Mr. Wei-ping Chen, specialist of Taiwan Mission.</li> <li>• Ms. Regine Liu, project manager of TaiwanICDF.</li> </ul>	Tegucigalpa
Sep 24 (MON)	1000 Final meeting with DICTA	<ul style="list-style-type: none"> <li>• Ing Armando Bustillo, deputy director of DICTA.</li> <li>• Ing. Ana Dunnaway, chief of UPEG and projects, DICTA.</li> <li>• Mr. Chih-cheng Han, counselor of Taiwan embassy in Honduras.</li> <li>• Mr. Ker-shih Hsih, chief of Taiwan Mission.</li> <li>• Ms. Regine Liu, project manager of TaiwanICDF.</li> </ul>	Tegucigalpa
	1230 Lunch with DICTA 1500 Report to Taiwan Embassy in Honduras	<ul style="list-style-type: none"> <li>• Amb. Joseph Y. L. Kuo</li> <li>• Mr. Chih-cheng Han, counselor of Taiwan embassy in Honduras.</li> <li>• Mr. Ker-shih Hsih, chief of Taiwan Mission.</li> <li>• Ms. Regine Liu, project manager of TaiwanICDF.</li> </ul>	Tegucigalpa

Sep 25 (TUE)	1005 TA0254 Departed Honduras	Ms. Regine Liu, project manager of TaiwanICDF.	Tegucigalpa
Sep 27 (THU)	0620 BR0015 Arrived Taipei	Ms. Regine Liu, project manager of TaiwanICDF.	Taipei



## **Annex V–**

### *CRITERIOS DE SELECCIÓN DE LOS BENEFICIARIOS*

- a) Incluidos en el grupo de Extrema Pobreza (Prioridad a los productores de etnias y mujeres jefes de hogar)
- b) Cultivan principalmente en zonas de ladera o zonas aisladas.
- c) No poseen tierra propia, alquilan y siembran para autoconsumo o con área de siembra menor a 3 mz para la siembra de granos básicos.
- d) Tienen 2 de sus 5 necesidades básicas insatisfechas, a saber:
  - Poseen vivienda rustica sin condiciones mínimas de higiene
  - Tienen dificultades para obtener alimentosPreferiblemente con hijos
- e) Comprometido a formar parte de un mecanismo financiero alternativo (Caja de Ahorro) y a ahorrar
- f) Ser productor en las zonas priorizadas por el Proyecto.
- g) Haber sufrido pérdidas en sus cultivos derivadas de cambio climático.
- h) Disponer de una área de 50 a 100 mts en su casa para establecer el huerto
- i) Bajo nivel tecnológico.
- j) Comprometido a seguir las recomendaciones tecnológicas propuestas por el Proyecto
- k) Comprometido a no realizar quema en su parcela como práctica cultural
- l) Comprometido a emplear los insumos exclusivamente en el cultivo.
- m) No ser empleado público.

## **Annex VI– Project Memorandum of Understanding**

**THIS** Memorandum of Understanding (“MOU”) is made and entered into on this \_\_\_\_\_ day of (Month), year by and between the **International Cooperation and Development Fund** (the “TaiwanICDF”), a foundation organized in accordance with the laws of the Republic of China (Taiwan) with its principal office located at 12F, No. 9, Lane 62, Tien Mou West Rd. Taipei 11157, Taiwan; and whose mission is to strengthen international cooperation, enhance foreign relations and promote economic development, social progress and well-being; and,

**Dirección de Ciencia y Tecnología Agropecuaria** (“DICTA”), organized under the laws of Honduras with its principal office located at Colonia Loma Linda, Ave. La Fao, Media Cuadra antes de Injupm, Tegucigalpa, Honduras; and whose mission is to ensure the people in Honduras have access to effective technology for agricultural development.

**WHEREAS, DICTA** has requested a grant for the purpose of implementing **Plan de emergencia para la producción de cultivos alimenticios en apoyo a los damnificados de la región sur** (“Project”);

**WHEREAS,** the Project donor will be the TaiwanICDF, and **DICTA** shall be directly responsible for the implementation of the Project;

**WHEREAS, DICTA** has assured the TaiwanICDF that the Project is technically feasible, economically viable and socially essential; and

**WHEREAS,** the Project will be carried out by **DICTA**, who will implement the Project in accordance with the laws of **Honduras**;

**NOW THEREFORE,** in consideration of the foregoing covenants and conditions herein contained, both parties hereby agree as follows:

1. Project.

The **purpose, goal, location, activities, budget and target beneficiaries** are described in the further detail in **Annex I** attached hereto. During the implementation phase, **DICTA** may, as necessary, and with the prior approval of the TaiwanICDF, adapt its project in response to changes in the local situation.

2. Project Period.

The Project will commence on the date that this MOU becomes effective and end after **nine (9)** months on **(date)**. During the implementation phase, **DICTA** may, as necessary, and with the prior approval of the TaiwanICDF, extend the project period in response to changes in the local situation.

3. Project Reporting Dates.

3.1 **DICTA** shall submit **monthly** progress reports to the TaiwanICDF specifying the measurable outputs relating to the progress of the Project, including photographs documenting the Project. The scope and content of such reports will be determined by the TaiwanICDF.

3.2 **DICTA** shall submit final and financial reports to the TaiwanICDF specifying the measurable outputs relating to the outcome of the Project, including photographs documenting the Project, **within three months of the end of the Project**. The scope and content of such reports will be determined by the TaiwanICDF.

4. Commitment.

4.1 The TaiwanICDF shall make contributions to the Project in the amount of USD **200,000**. Monies will be wired to **the Embassy of the Republic of China (Taiwan) in Honduras** account after signing this MOU.

**Account name: Embassy of the Republic of China (Taiwan) in Honduras**

**Account Number: 202010034561**

**Bank: ICBC NYC Branch**

4.2 **DICTA should create an independent account for the project**. Interest that accrues on the account will be added to the Project for use on project activities.

4.3 **DICTA shall provide a receipt to the TaiwanICDF after signing this MOU.**

4.4 The installments will be disbursed as follows:

4.4.1 **1st installment: for procurements for which public bidding procedures are not required;**

4.4.2 **2nd installment: for public bidding procurements.**

**In order to receive disbursements, DICTA should submit a request letter enclosing receipts, quotations or debit notes to the Embassy of the Republic of China (Taiwan) in Honduras.**

5. Visibility of the TaiwanICDF.

5.1 **DICTA** agrees to identify the TaiwanICDF and Taiwan as a source of aid

during the project in its communications, signage and other media. **DICTA** will ensure that such media features the logo of the TaiwanICDF and the national flag of the Republic of China (Taiwan), as shown in Annex II attached hereto. All promotion expenses shall be included in the project budget.

5.2 **DICTA** will make reasonable attempts to publish press releases about the Project and accommodate any offer of support that the TaiwanICDF makes to find internet and/or local/global news platforms.

6. Field Visits.

Under circumstances where the TaiwanICDF dispatches representatives to monitor the Project in the field, **DICTA** shall provide the relevant field support to TaiwanICDF personnel. The cost of such visits shall be borne by both parties.

7. Remaining Budget.

When all activities of the Project have been completed or the Project ends, **DICTA** will use any remaining budget to promote the Project or any other project-related activities.

8. Effectiveness.

8.1 This MOU shall be deemed to have been concluded and effective on the date as first above written.

8.2 This MOU may be terminated or extended by the mutual agreement of both parties.

8.3 This MOU will remain effective until the TaiwanICDF agrees to accept the final and financial reports submitted by **DICTA**.

9. Change in Circumstances.

9.1 The TaiwanICDF reserves the right to terminate this MOU and withdraw from participating in activities relevant to the Project in the event that the government of the Republic of China (Taiwan) announces any change in policy or procedure which necessitates such action. The remainder of the budget financed by the TaiwanICDF shall be returned to the sole custody of the TaiwanICDF, along with any interest accrued.

9.2 In the event that **DICTA** terminates this MOU due to any change in organizational policy, the remainder of the budget financed by the TaiwanICDF shall be returned to the sole custody of the TaiwanICDF, along with any interest accrued.

10. Effect of Termination.

10.1 Upon termination of this MOU under this **Article 9 (Sections 9.1 and 9.2)**, the TaiwanICDF shall no longer be obliged to make any further commitment to the Project unless both parties have already agreed to a budget in effect and relied upon by a recipient country prior to such termination.

10.2 If the TaiwanICDF so requests under **Section 9.1 of this Article 9, DICTA** shall, not later than such date as the TaiwanICDF specifies, return any part of the remainder of the budget financed by the TaiwanICDF that has not been spent or been committed to be spent due to the TaiwanICDF hereunder.

11. Dispute Resolution.

12.1 Negotiation Prior to Arbitration: In the event that any controversy, dispute or claim arises hereof or relating hereto, the parties hereto shall consult and negotiate with each other and, recognizing their mutual interests, attempt to reach a solution satisfactory to both parties. If the parties do not reach settlement within a period of **thirty (30)** days of written notice by one party to the other of such controversy, dispute or claim, any unresolved controversy, dispute or claim arising out of or relating hereto shall be settled by binding arbitration by the **Chinese Arbitration Association, Taipei (CAA)** in accordance with the Arbitration Law of the **Republic of China (Taiwan)** and the Arbitration Rules of **CAA**. The award rendered by arbitrator(s) shall be final and binding upon the parties concerned.

12.2 Venue for Arbitration: The place of arbitration shall be in the city of **Taipei, Republic of China (Taiwan)**.

12.3 Language of Arbitration: The language of the arbitration shall be **English**.

12. Governing Law.

This MOU shall be governed by and construed in accordance with the laws of **the Republic of China (Taiwan)**.

13. Headings.

The headings used herein are for convenience of reference only and do not constitute a part of this MOU, nor shall they in any way affect the interpretation hereof.

14. Counterparts.

This MOU is executed in two counterparts, each of which shall be deemed an original, but such counterparts shall together constitute one and the same agreement.

**IN WITNESS WHEREOF**, both parties have hereto caused this instrument to be executed by their duly authorized representatives, as of the date and year first above written.

For and on behalf of **DICTA**

For and on behalf of the **TaiwanICDF**

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Name: Francisco Jeovany Pérez

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Name: Wen-lung Tao

Title: Director Ejecutivo de la  
Dirección de Ciencia y Tecnología  
Agropecuaria

Title: Secretary General, TaiwanICDF

Witness

For and on behalf of **Despachos de  
Agricultura y Ganadería**

For and on behalf of the **Embassy of  
Republic of China (Taiwan) in  
Honduras**

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Name: Jacobo Regalado Weizemblut.

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Name: Joseph Y. L. Kuo

Title: Secretario de Estado en los  
Despachos de Agricultura y Ganadería

Title: Ambassador, Embassy of Republic  
of China (Taiwan) in Honduras

ANNEX I – Project Proposal

**Please see the “International Cooperation and Development Fund, TaiwanICDF Application Form for Humanitarian Assistance Project” as followed**

# International Cooperation and Development Fund, Taiwan ICDF Application Form for Humanitarian Assistance Project



## PART 1 – APPLICANT INFORMATION

<b>1</b>	<b>Applicant Information</b>		
1-1	Organization Name Dirección de Ciencia y Tecnología Agropecuaria, DICTA	1-2 Application Date	2012/08/14
1-3	Organization Type <input checked="" type="checkbox"/> Government Ministry/ Agency <input type="checkbox"/> Government/ State Owned Enterprise <input type="checkbox"/> University/ Research Institute <input type="checkbox"/> NGO <input type="checkbox"/> NPO <input type="checkbox"/> Locally Owned Enterprise <input type="checkbox"/> Foreign Owned Enterprise <input type="checkbox"/> Other _____		
<b>2</b>	<b>Contact Information</b>		
Dr./Mr./Mrs./Miss	Surname (Last name)	Given Name (First Name)	
Mr	Perez	Jeovany	
Primary Telephone No.	Secondary Telephone No.	Fax No.	
504- 22324096      Ext.	504-22322451      Ext.	504-22320899	
Address: Bl. Centroamérica, Col. Loma Linda, Ave La FAO Tegucigalpa, Francisco Morazán. Honduras			
Email <a href="mailto:fperez.dicta@gmail.com">fperez.dicta@gmail.com</a> ;    adunnaway@gmail.com			
<b>3</b>	<b>Profile and History of your Organization</b>		
<p><i>Please provide a brief description of your organization's history. For example:</i></p> <ul style="list-style-type: none"> <li>• <i>Mission/ mandate/ goals</i></li> <li>• <i>Date organization formed, etc.</i></li> </ul> <p>• La DIRECCIÓN DE CIENCIA Y TECNOLOGÍA AGROPECUARIA, DICTA, fue creada por medio de la LMDSA, Decreto No. 31-92 del 5 de marzo de 1992.</p> <p>• Inició operaciones en el año 1995.</p> <p>• Es un Organismo desconcentrado, técnica, financiera y administrativamente, adscrita a la Secretaría de Agricultura y Ganadería, SAG.</p> <p>• Misión: Diseñar, dirigir, normar y ejecutar los programas de investigación, transferencia de tecnologías, fomento de la agricultura familiar que permitan desarrollar las capacidades de innovación de los productores/as que resulte en un aumento en la productividad y producción agropecuaria, mejoramiento de sus condiciones socio económicas, disponibilidad de alimentos y seguridad alimentaria en un ámbito de equidad social y de sustentabilidad ambiental.</p> <p>• Visión: Somos la Institución pública líder en el desarrollo científico y tecnológico del sector agroalimentario del país que incide en la aplicación de políticas públicas a nivel nacional y presta los servicios a los productores/as de forma eficaz, eficiente y con alto grado de responsabilidad, calidad y transparencia.</p>			



## PART 2 - PROJECT INFORMATION

2-1	Project Title	<b>PRO HUERTA: PLAN DE EMERGENCIA PARA LA PRODUCCION DE CULTIVOS ALIMENTICIOS EN APOYO A LOS DAMNIFICADOS DE LA REGIÓN SUR, Fronteriza Honduras El Salvador.</b>			
2-2	Project Background	<p>La zona sur de Honduras se caracteriza como una región vulnerable desde el punto de vista ambiental a raíz de los permanentes fenómenos naturales especialmente originados por los cambios climáticos ocasionados por el Niño o la Niña que lógicamente vulneran la seguridad alimentaria y nutricional de los pobladores rurales. En el mes de octubre 2011 ocurrió la tormenta tropical 12-E, que dejó una cantidad de daños en la producción agrícola de la zona sur aunado a pérdidas de vidas humanas y otras de tipo material como vivienda, infraestructura pública y privada, siendo los más afectados los pequeños productores agrícolas y familias de escasos recursos. Durante el presente año se ha prolongado la sequía en esa zona, aumentando los índices de inseguridad alimentaria en la zona. La producción de alimentos se ha visto disminuida y de no tomarse medidas en el corto plazo se agudizara la escases de alimentos en el primer trimestre del año 2013. El pro-huerta colaborara con recursos (insumos agrícolas) y asistencia que den paso a conocimientos manejo y cuidados que se debe brindar a los cultivos a nivel de huertos y/o parcelas productoras de granos básicos. También promueve que las familias en cada comunidad adopten nuevas prácticas que les permitan mejorar su producción y se logra el apoyo interintitucional en las regiones. Esta propuesta es la Fase I del Proyecto ya que se proyecta apoyar 5,000 productores.</p>			
2-3	Project Summary				
	Project Location	DEPARTAMENTOS: Choluteca, Valle e Intibucá.			
	Number and Background of Target Beneficiaries	1.500 familias con índices de Inseguridad alimentaria, bajos niveles de consumo de alimentos sanos, desnutrición infantil, escasez de alimentos y de ingresos durante el año.			
	Project Period	Anticipated Start Date	2012/09/01	Anticipated Completion Date	2013/02/28
	Executing Agency	Dirección de Ciencia y Tecnología Agropecuaria, DICTA			
	Total Project Budget (in USD)	<b>\$ 316,410.00</b>			

<b>Brief Project Summary</b>	<p>El proyecto está enmarcado en el abordaje de la seguridad alimentaria de la Región Fronteriza Honduras El Salvador en los departamentos de <b>Choluteca, Valle e Intibucá</b>. Consiste en la entrega de insumos y asistencia técnica, con la capacitación progresiva, la participación solidaria y el acompañamiento sistemático de las acciones en terreno por parte de Instituciones locales y el Gobierno de Honduras.</p> <p>Tiene como objetivo general contribuir a la seguridad alimentaria de 1.500 familias en situación de pobreza a través del crecimiento sostenido y sustentable del sector agroalimentario.</p> <p>Con el proyecto se beneficiaran: 1.500 familias en los siguientes aspectos:</p> <p><b>1) Programa de inversiones:</b> Dotación de insumos para el cultivo de huertos familiares de diversificación y producción de granos básicos</p> <p><b>2) Desarrollo de capacidades:</b> Asistencia técnica y Capacitación para la mejora de de la producción.</p>
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### PART 3 - PROJECT FRAMEWORK AND DESCRIPTION

3-1	<b>Project Goal</b>	<ul style="list-style-type: none"> <li>➤ 1.500 familias establecen proyectos productivos (huertos ó parcelas) para la producción de alimentos.</li> <li>➤ Capacitadas 1.500 familias en el uso de la metodología de cultivos biointensivos y granos básicos.</li> </ul>			
3-2	<b>Proposed Key Activities</b>				
	<b>Activities</b>	<b>Start Date</b>	<b>End Date</b>	<b>Outputs</b>	<b>Milestones</b>
	To achieve the project goal, please list each activity /sub-activity in chronological order	YYYY/MM/DD	YYYY/MM/DD	For each activity listed, please indicate output(s) where applicable	
	Activity 1: Dotación de insumos	2012/09/01	2013/02/28	Compra de insumos a beneficiarios	Licitación
	Activity 2: Asistencia Técnica y Capacitación	2012/09/01	2013/02/28	Eventos de Capacitación y asistencia técnica grupal	Eventos
	Activity 3: Administración del proyecto	2012/09/01	2013/02/28	Informes	Informes
3-3	<b>Project Outcome(s)</b>	<ul style="list-style-type: none"> <li>➤ Contribuido a la seguridad alimentaria de 1.500 familias</li> <li>➤ Promovida la producción intensiva de los huertos o parcelas familiares.</li> </ul>			

## PART 4 - PROJECT FINANCING

4-1 Project Budget					
Item	Amount	Value	Months	Lps	US\$
<b>Home garden inputs per household</b>					
Vegetable seeds				200	10
Fruit seedling	5	40		200	10
Fertilizer	2	200		400	21
Irrigation system	1	1,000		1,000	51
Corn seeds	20	15		300	15
Bean seeds	20	25		500	26
Subtotal				2600	133
<b>Home garden inputs for project</b>	<b>1500</b>	<b>2,600</b>	<b>1</b>	<b>3,900,000</b>	<b>200,000</b>
<b>Human resources</b>					
Agricultural promoters	15	15,000	6	1,350,000	69,231
Training costs	1	0		500,000	25,641
				1,850,000	94,872
<b>Operational costs</b>					
Project manager	1	30,000	6	180,000	9,231
Administrator	1	10,000	6	60,000	3,077
Operational costs	1	30,000	6	180,000	9,231
		70,000		420,000	21,538
<b>TOTAL</b>				<b>6,170,000</b>	<b>316,410</b>
4-2 Project Funding					
Total Project Cost	Source of Funding				
	Funds from the TaiwanICDF	Funds from Other Organizations	Self-funded/ Internal funding		
	\$200,000.00		\$ 116,410.00		

## **Criteria of Beneficiaries**

After discussion with DICTA and the Taiwanese embassy, the criteria for project beneficiaries are listed as follows:

- (14) Groups in extreme poverty (households headed by females and ethnic minorities to be given priority).
- (15) Households living in mountainous or isolated areas.
- (16) Households not owning their own land, and those planting for home consumption or planting staple grains on areas of less than 3 mz.
- (17) Households, preferably those with children, not meeting two out of five basic needs:
  - (iii) Households without basic hygiene facilities; or
  - (iv) Households having difficulty obtaining food.
- (18) Households committed to being part of an alternative financing mechanism (savings).
- (19) Households whose members are producers in project areas.
- (20) Households that have suffered from climate change-induced losses to their crops.
- (21) Households that have an area of 50 to 100 m<sup>2</sup> at home to establish home garden systems.
- (22) Households with low levels of agricultural technology.
- (23) Households engaged to follow the technology recommendations proposed by the project.
- (24) Households that have pledged not to use perform controlled burning as part of their cultivation methods.
- (25) Households committed to using project materials only for agricultural production.
- (26) Households whose members are not public employees.

## *CRITERIOS DE SELECCIÓN DE LOS BENEFICIARIOS*

- n) Incluidos en el grupo de Extrema Pobreza (Prioridad a los productores de etnias y mujeres jefes de hogar)
- o) Cultivan principalmente en zonas de ladera o zonas aisladas.
- p) No poseen tierra propia, alquilan y siembran para autoconsumo o con área de siembra menor a 3 mz para la siembra de granos básicos.
- q) Tienen 2 de sus 5 necesidades básicas insatisfechas, a saber:
  - Poseen vivienda rustica sin condiciones mínimas de higiene
  - Tienen dificultades para obtener alimentos

Preferiblemente con hijos

- r) Comprometido a formar parte de un mecanismo financiero alternativo (Caja de Ahorro) y a ahorrar
- s) Ser productor en las zonas priorizadas por el Proyecto.
- t) Haber sufrido pérdidas en sus cultivos derivadas de cambio climático.
- u) Disponer de una área de 50 a 100 mts en su casa para establecer el huerto
- v) Bajo nivel tecnológico.
- w) Comprometido a seguir las recomendaciones tecnológicas propuestas por el Proyecto
- x) Comprometido a no realizar quema en su parcela como práctica cultural
- y) Comprometido a emplear los insumos exclusivamente en el cultivo.
- z) No ser empleado público.

ANNEX II –National Flag of the Republic of China (Taiwan) and TaiwanICDF Logos

National Flag of the Republic of China (Taiwan)	
The flag of the Republic of China (Taiwan) is shown, featuring a white sun with 12 rays in the upper left canton, a blue field above, and a red field below.	
TaiwanICDF Logos	
A large logo for Taiwan ICDF. The word "TAIWAN" is in green, and "ICDF" is in white inside a stylized graphic of overlapping green and blue shapes.	
A smaller version of the Taiwan ICDF logo, with the text "International Cooperation and Development Fund" to its right.	
The Taiwan ICDF logo centered on a white background, with the text "International Cooperation and Development Fund" below it.	
A vertical banner with a green background on the left containing the text "A Better World A Brighter Future" in white, and a blue background on the right containing the website "www.icdf.org.tw" and the Taiwan ICDF logo.	