**Rapid Assessment of Tropical Storm Mahasen**

**May 2013**

**Guideline for Key Informant Interview (KII)**

**(□ Upazila Agriculture Officer,□ Upazila Fisheries Officer,□ Upazila Livestock Officer)**

**Others: Union Chairmen/Local Elite/Public Representative**

(Prior starting the discussion please share the purpose of this assessment as well as describe your identity. Request him/her about sharing very recent annual reports inclusive of Mahasen situation/damage report and/or annual production report of 2012 and 2013 for respective departments.)

District........................, Upazila........................, AEZ........................

Date.........................

Key informant’s name ........................................................................................................................

Address:-------------------------------------------------------------------------------------------------------

1. **Agriculture: Following issues have to be discussed:**
2. What are the major Cropping Patterns in the area:

i)

ii)

iii)

iv)

1. Seasonal Crop Calendar (please complete)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Seasonality analysis** | **Months** | | | | | | | | | | | |
| Crops and vegetables (field preparation, plantation, harvesting)\* | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
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List all crops and vegetables relative for the area in question.

\*\*Label as follows: field preparation (blue), plantation (green), harvesting (yellow)

1. Existing major crop (grain, pulses, oilseed, cash crops) in the field

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Crop (specify)** | **Total area (Ha).** | **Total loss due to inundation (Ha)** | **Partial Loss due to inundation (Ha).** | **Total Loss (BDT)** |
|  |  |  |  |  |
|  |  |  |  |  |
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4. Existing major vegetables in the field

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Vegetable (specify)** | **Total area (Ha).** | **Total loss due to inundation (Ha)** | **Partial Loss due to inundation (Ha).** | **Total Loss (BDT)** |
|  |  |  |  |  |
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1. Status of fruit garden/homestead plantation crop (Mention Unit)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Type** | **Total area (Ha).** | **Total loss due to inundation (Ha)** | **Partial Loss due to inundation (Ha).** | **Total Loss (BDT)** |
| Fruit Garden |  |  |  |  |
| Plantation |  |  |  |  |
| Other (ie spices etc) |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

1. Damage to embankments:

|  |  |  |
| --- | --- | --- |
| Polder Number.................. | Nature of damage.................................................. | Length of damage (m) ................................................ |

1. Name unions within upazila where there will be no or insignificant amount of Aman rice and other crop production.

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1. Future production prospect of crops, vegetables, fruit other.
2. What percentage of the households own land for agriculture?
3. What are the main constraints faced by the farmers (crop/vegetable/fruit) to restart their production?
4. What types of assistance has been provided by DAE and what further type of assistance is needed (if any) for the affected farmers?

Crops/Vegetables/Fruit (other plants such as spices etc):

i)

ii)

iii)

iv)

1. Action deemed necessary for adaptation and/or mitigation from further loss:

|  |  |
| --- | --- |
| **Type of Livelihood** | **Time plan (within one year)\*** |
| Crop farmer (specify) |  |
| Horticulture Farmer |  |
| Agriculture Labourer |  |
| Other (specify) |  |

\*Specify months for proposed intervention

1. **Livestock & poultry:** 
   1. Current situation: Lost and/or damaged condition of Poultry (chicken, ducks) and Livestock (cows, buffalo, sheep, goat)
   2. Any recent outbreak of disease for livestock and poultry? If yes discuss it
   3. What types of sheds are used for Poultry and Livestock rearing?
   4. What is the current situation of the livestock and poultry sheds?
   5. What is the availability and access to livestock feed/fodder and livestock health services?
   6. What are the most affected unions and how (are figures available)?
   7. What are the main constraints faced by the people to restart their livestock rearing?
   8. What types of assistance has been provided by DLS and is type of assistance is needed (if any) for the affected livestock/poultry owners?
   9. Action deemed necessary for adaptation and/or mitigation from further loss:

|  |  |
| --- | --- |
| **Type of Livelihood** | **Time plan (within one year)\*** |
| Livestock holder |  |
| Poultry holder |  |
| Feed and Fodder producers |  |
| Other |  |

\*Specify months for proposed intervention

**C. Fisheries**

1. Baseline:

***Resources***

|  |  |  |  |
| --- | --- | --- | --- |
| Total pond number |  | Total Pond Area (Ha) |  |
| Total Shrimp Farm number |  | Shrimp Farm Area Ha) |  |
| Total Hatchery number |  | Total Hatchery Area (Ha) |  |
| Water control structure number |  | Feed mill number |  |
| Fishermen number |  | Fish farmer number |  |

1. Production :

|  |  |  |  |
| --- | --- | --- | --- |
|  | Annual fish production (MT) |  | Annual fish production (MT) |
| Carp |  | Tilapia |  |
| Pangus |  | Others |  |
|  |  |  |  |
| Fingerling production |  | Hatchling production |  |
| Any other |  |  |  |

1. Current Damage information:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Type** | **Total Number** | **Fully Affected** | **Partially Affected** | **Area (Ha)** | **Total Loss (BDT)** |
| Ponds |  |  |  |  |  |
| Hatcheries |  |  |  |  |  |
| Shrimp Farms |  |  |  |  |  |
| Capture fisheries equipment (i.e. nets/boats)\* |  |  |  | N/A |  |

\*please specify number, size and type

1. Fish loss (MT)

|  |  |  |
| --- | --- | --- |
| **Type of Fish\*** | **Total loss in MT** | **Total loss (BDT)** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

\*Specify fish type (shrimp, carp, Talapia etc)

|  |  |
| --- | --- |
| 1. Number of fishermen totally affected |  |
| 1. Number of Union severely affected |  |
| 1. Number of Union partially affected |  |

1. Action deemed necessary for adaptation and/or mitigation from further loss:

|  |  |
| --- | --- |
| **Type of Livelihood** | **Time plan (within one year)\*** |
| Ponds |  |
| Hatcheries |  |
| Shrimp Farms |  |
| Capture fishers |  |
| Others (specify) |  |

\*Specify months for proposed intervention

1. What are the main constraints faced by the fish farmer and capture fishers to regain livelihood?
2. What are the most affected unions and how (are figures available) ?
3. What types of assistance has been provided by DoF and is type of assistance is further needed (if any) for the affected capture fisherers and fish farmers?
4. Any other issues relevant to address the loss

**Possible response recommended for the recovery in Agriculture, Livestock and Fisheries sectors:**

Immediate

Midterm

Long term