

## Annual Activities of the Year 2023-2024 Regional Office, Kushtia

### 1. Progress of Nirdeshika Updating

District	Field survey		Map finalization		Draft report preparation		Final report preparation	
	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
Regional office, Kushtia	Pangsha	Pangsha	Meherpur Sadar	Meherpur Sadar	Gangni	Gangni	Meherpur Sadar	Meherpur Sadar

### 2. Information on Upazila Surveyed during 2023-2024

#### 2(a). Name of Upazila & District:

Upazila: Pangsha

District: Rajbari



#### 2(b). Major findings

i) Total area- 25,276 ha

ii) Total sample collected- 125

iii) Physiography & AEZ code- Old Ganges Floodplain and AEZ 12

iv) Major land type- Highland, Medium Highland, Medium Lowland, Lowland

v) Major soil group- Sara, Pangsha, Gopalpur, Ishurdi, Ghior, Ramdia, Raina, Katra Etc.

2(c).1 Changes in Land Type

Land type	Previous (2008)		Present (2023)		% increase/decrease	Possible reasons
	Area (ha)	%	Area (ha)	%		
Highland	4,250	16.8	3,430	13.6	-23.9	
Medium Highland	12,167	48.1	9,317	36.9	-30.6	
Medium Lowland	3,021	12.0	2,110	8.3	-43.2	
Lowland	330	1.3	273	1.1	-20.9	
Miscellaneous	5,508	21.8	10,146	40.1	+45.7	
<b>Total</b>	<b>25,276</b>	<b>100</b>	<b>25,276</b>	<b>100</b>		

2(d) Changes in Land Use

Land Use	Previous (2008)		Present (2023)		% increase/decrease	Possible reasons
	Area (ha)	%	Area (ha)	%		
1. Annual	859	3.4	986	3.9	+12.9	
2. Perennial	-	-	253	1.0	-	
3. Miscellaneous	5,508	21.8	10,136	40.1	+45.7	
4. Rabi vegetables-Kharif vegetables	556	2.2	505	2.0	-10.1	
5. Rabi crops- Mixed (Aus+Aman)	887	3.5	-	-	-	
6. Rabi crops-Jute-T. Aman	3,412	13.5	2,780	11.0	-22.7	
7. Rabi crops-Jute-Fallow	4,626	18.3	506	2.0	-814.2	
8. Boro-Fallow-T. Aman	5,814	23.0	2,275	9.0	-155.6	
9. Boro (Local/HYV)-Fallow-Fallow	1,466	5.8	506	2.0	-189.7	
10. Groundnut-Fallow-Fallow	379	1.5	758	3.0	+50.0	
11. Onion-Jute-T. Aman	-	-	5,308	21.0	-	
12. Mustard-Boro (Local/HYV)	404	1.6	505	2.0	+20.0	
13. Boro (Local/HYV)-B. Aman	935	3.7	-	-	-	
14. Others	430	1.7	758	3.0	+43.3	
<b>Total</b>	<b>25,276</b>	<b>100</b>	<b>25,276</b>	<b>100</b>		

## 2. Union Sahayika Preparation

Name of Office	District	Upazila	No. of shahayika prepared
Regional Office, Kushtia	Chuadanga	Chuadanga Sadar	7

## 3. Mobile Soil Testing Services (MSTL)

Name of Office	Name of Upazila, District & sample no.						Remarks
	Rabi			Kharif			
Regional Office, Kushtia	District	Upazila	No. of sample	District	Upazila	No. of sample	
	Chuadanga	Jibonnogor	50	Chuadanga	Alamdanga	50	
	Kushtia	Khoksa	50	Kushtia	Kumarkhali	50	

## 4. Yield Data of STB Field Trial

Name of Office	Upazila	District	Crop (s) & variety (s)	Average yield (t/ha)		Yield increase/decrease (%)
				Farmers' field	Demonstration plot	
Regional Office, Kushtia	Kushtia Sadar	Kushtia	BARI Gom-33	3.46	3.70	+6.9
	Kumarkhali	Kushtia	BARI Gom-33	3.95	4.19	+6.1





## 5. Distribution of Fertilizer Recommendation Card

Name of Office	District	Upazila	Type of service		Total no. of card distributed	Remarks
			Nirdeshika based recommendation	Online based recommendation		
Regional Office, Kushtia	Kushtia	Kumarkhali		300	400	
		Khoksa	50	-		
		Mirpur	50			
<b>Total</b>			<b>100</b>	<b>300</b>	<b>400</b>	



## 7. Training Programme

### 7(a) Training Received

Name of Office	Title of the programme	Duration	Host organization	Participant	
				Designation	Number
Regional Office, Kushtia	Training on Data Management	3 days	SRDI, Dhaka	SSO, SO	2
	Training on soil and land draft map preparation and digitization for Soil Survey	5 days	SRDI, Dhaka	SO	1
	Training on GIS Base.	3 days	SRDI, Dhaka	SO	1
	Departmental Training	20 days	SRDI, Dhaka	SO	1

### 7(b) Training Imparted

Name of Office	Title of the programme	Duration	Host organization	Participant	
				Type	Number
Regional Office, Kushtia	Training of farmers on soil sample collection technique, identification of adulterate fertilizers, methods & time of fertilizer application, deficiency symptoms of nutrient element and use of balanced fertilizer	1 day	SRDI, Kushtia	Farmer	200

## 9. Distribution of saplings and/seedlings (if any)

Name of Office	District	Upazila	Number		Total	Remarks
			Fruits	Vegetables		
Regional Office, Kushtia	Kushtia	Kushtia Sadar	100	500	600	
<b>Total</b>			<b>100</b>	<b>500</b>	<b>600</b>	



## 12. Details of Officer & Staff

Officer/Staff name	Designation	Mobile no	E-mail
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