

কৃষিই সমৃদ্ধি

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
কৃষি মন্ত্রণালয়
মৃত্তিকা সম্পদ উন্নয়ন ইনস্টিটিউট
বিভাগীয় কার্যালয়, চট্টগ্রাম
www.srdi.gov.bd

নং- ১২.০৩.০০০০.০৫১.১৬.০০৩.২০-১৫০

তারিখ : ১১.০৬.২০২০ খ্রি:

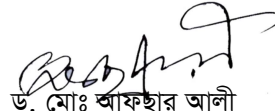
প্রাপক : পরিচালক
ফিল্ড সার্ভিসেস উইং
মৃত্তিকা সম্পদ উন্নয়ন ইনস্টিটিউট
কৃষি খামার সড়ক, ঢাকা-১২১৫।

বিষয় : বার্ষিক কারিগরি কর্মশালা ২০২২-২০২৩ এর প্রেজেন্টেশন প্রেরণ প্রসঙ্গে।

সূত্র : ১২.০৩.০০০০.০১৬.৯৯.০০১.২১- ; তারিখ: ০৮ জুন, ২০২৩ খ্রি:

উপর্যুক্ত বিষয় ও সূত্রের প্রেক্ষিতে অত্র বিভাগীয় ও এর অধীনস্থ আঞ্চলিক কার্যালয় সমূহের ২০২২-২০২৩ ইং অর্থ বছরে সম্পাদিত কাজের সমন্বিত বার্ষিক কারিগরি কর্মশালার প্রেজেন্টেশন আপনার সদয় অবগতি ও সানুগ্রহ ব্যবস্থা গ্রহণের নিমিত্তে এতদসংগে সংযুক্ত করে প্রেরণ করা হলো।

সংযুক্ত :- বর্ণনামতে।



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নং- ১২.০৩.০০০০.০৫১.১৬.০০৩.২০-১৫০

তারিখ : ১১.০৬.২০২০ খ্রি:

সদয় জ্ঞাতার্থে অনুলিপি :

- ১। মহাপরিচালক, মৃত্তিকা সম্পদ উন্নয়ন ইনস্টিটিউট, কৃষি খামার সড়ক, ঢাকা-১২১৫।
- ২। মুখ্য বৈজ্ঞানিক কর্মকর্তা, ট্রেনিং এন্ড কমুনিকেশন ডিভিশন, মৃত্তিকা সম্পদ উন্নয়ন ইনস্টিটিউট, ঢাকা।
- ৩। প্রধান বৈজ্ঞানিক কর্মকর্তা, মৃত্তিকা সম্পদ উন্নয়ন ইনস্টিটিউট, চট্টগ্রাম বিভাগের সকল আঞ্চলিক কার্যালয়।
- ৪। উর্ধ্বতন বৈজ্ঞানিক কর্মকর্তা, ট্রেনিং এন্ড কমুনিকেশন ডিভিশন, মৃত্তিকা সম্পদ উন্নয়ন ইনস্টিটিউট, ঢাকা।।
- ৫। অফিস কপি।

স্বাঃ/-

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Format for Divisional Office Presentation of the Year 2022-2023

Chattogram

1. Achievement of Semi detailed soil survey

Name of Office	Target		Achievement	Remarks
	Name of Upazila	Name of district	Name of Upazila	
Chattogram	-	-	-	No officer assigned
Brahmanbaria	Ashuganj,	Brahmanbaria	Completed	-
	Sarail	Brahmanbaria	Completed	-
Cumilla	Begumgonj	Noakhali	Completed	125 Composite Sample collected & samples are ready for sending lab.
Rangamati	Khagrachhari sadar	Khagrachhari	Completed	203 composites sample sent to Rangamati regional lab.
	Patiya	Chattogram	Completed	153 composites sample sent to Rangamati regional lab.

2. Information on Upazila surveyed during 2022-2023

2(a) General description

Upazila	District	Physiography & AEZ	Major soil group	Major Land use	Major constraints	Remarks
Ashuganj,	Brahmanbaria	a) Old Meghna Estuarine Floodplain (AEZ-19) b) Middle Meghna River Floodplain (AEZ-16)	Chandina, Debidwar, Burichong, Meghna sand silt, Meghna loam silt	1. Homestead Vegetables 2. Rabi Vegetables- Boro-T. Aman 3 Boro-T. Aus-T. Aman		
Sarail		a) Old Meghna Estuarine Floodplain (AEZ-19) b) Middle Meghna River Floodplain (AEZ-16)	Chandina, Debidwar, Burichong, Meghna sand silt, Meghna loam silt	1. Homestead Vegetables 2. Rabi and kharif Vegetables 3. Boro-T. Aus-T. Aman		
Begumgonj	Noakhali	Old Meghna Estuarine Flood plan (AEZ 19)	Chandina, Chandrogonj, Ciloniya, Debidwar, Burichang,	1. Rabi Vegetables- Kharif Vegetables 2. Rabi Crops – T. Aus-T. Aman	Water lodging & lac of drainage	
KhagrachhariSadar	Khagrachhari	Northern and eastern hill (29)	Tamabil, Dhum, Sitakunda, Barkal, Suvolong, Kuholong, Ghaghra, Khadimnagar, Shalban, Lama, Nalua, Rangamati, Kassalong, Karnofuli, Ruma, Mirsarai, Maghachhari	Forest Orchard Jum and annual crop Fallow Annual crop		

2(b) Change in Land Type: (Ashuganj Upzilla)

Land type	Previous (2009)		Present (2023)		% increase/ decrease	Possible reasons
	Area (ha)	%	Area (ha)	%		
High land	-	-	-	-	-	Due to new roads, homesteads and decrease of annual rainfall
Medium High land	1,460	21.60	1,486	21.98	(+) 0.39	
Medium Low land	3,827	56.62	3,779	55.91	(-) 0.71	
Low land	-	-	-	-	-	
Very low land	-	-	-	-	-	
Miscellaneous	1,472	21.78	1,794	12.04	(+) 0.32	
Total	6,759	100.0	6,759	100.0	0.00	

2(c) Change in Land Use : (Ashuganj Upzilla)

Land Use	Land type	Previous (2009)		Present (2023)		% increase/ decrease	Possible reasons
		Area (ha)	%	Area (ha)	%		
1.Homestead Vegetables	High Land	253	3.74	253	3.74	0.00	Due to changes of land type
2. Rabi Vegetables-Boro-T. Aman	Medium High land	635	9.40	641	9.48	(+) 0.08	
3 Boro-T.Aus-T. Aman		193	2.86	270	3.99	(+) 0.13	
4. Boro (Modern)-F-T.Aman		635	9.39	641	9.48	(+) 0.09	
5. Boro-F-T.Aman	Medium Low land	253	3.74	270	3.99	(+) 0.25	
6. Rabi Vegetables-F-T Aman		253	3.74	270	3.99	(+) 0.25	
7. Rabi Vegetables-F-B. Aman	Very low land	382	5.65	371	5.49	(-) 0.16	
8. Boro (HYV) -F-F		1716	25.39	1604	23.73	(-) 1.66	
9.Boro (HYV) -F- B. Aman		764	11.30	742	10.98	(-) 0.32	
10.Rabi Vegetables-F-F		138	2.04	137	2.03	(-) 0.01	
11.Boro (Local)-F-F	321	4.75	319	4.73	(-) 0.02		
Miscellaneous	-	1216	18.00	1,241	18.37	(+) 0.37	
Total		6,759	100.0	6,759	100.0	0.00	

For Sarail Upazila:

2(b) Change in Land Type: (Sarail Upzilla)

Land type	Previous (2009)		Present (2023)		% increase/ decrease	Possible reasons
	Area (ha)	%	Area (ha)	%		
High land	127	0.59	137	0.64	(+)0.05	Due to new roads, homesteads and decrease of annual rainfall
Medium High land	3,873	17.99	3,993	18.55	(+) 0.56	
Medium Low land	5,789	26.89	5,820	27.03	(+) 0.14	
Low land	3,617	16.80	3,616	16.79	(-) 0.01	
Very low land	4,082	18.96	3,887	18.05	(-) 0.91	
Miscellaneous	4,082	18.77	4,077	18.94	(+) 0.17	
Total	21,530	100.0	21,530	100.0	0.00	

2(c) Change in Land Use : (Sarail Upzilla)

Land Use	Land type	Previous (2009)		Present (2023)		% increase/ decrease	Possible reasons
		Area (ha)	%	Area (ha)	%		
1.Homestead Vegetables	Onabadi Land	267	1.50	270	1.52	(+) 0.02	Due to changes of land type
2. Rabi and kharif Vegetables	High Land	127	0.72	137	0.77	(+) 0.058	
3. Boro-T. Aus-T. Aman	Medium High land	506	2.85	547	3.09	(+) 0.24	
4.Mustard - Boro -T.Aman		253	1.42	273	1.54	(+) 0.12	
5. Boro-F-T.Aman		2042	11.55	2039	11.51	(+) 0.01	
6. Boro-F-B.Aman		96	0.55	96	0.54	(-) 0.01	
7. Rabi Vegetables-F-T Aman		721	4.07	673	3.80	(-) 0.27	
8. Rabi Vegetables-F-B. Aman		290	1.64	269	1.51	(-) 0.13	
9. Rabi Vegetables-Jute/Dhaincha-F		98	0.56	96	0.54	(-) 0.02	
10. Rabi Vegetables-F-T Aman	Medium Low land	321	1.82	273	1.54	(-) 0.28	
11.Boro -F- T. Aman		2239	12.61	2920	16.49	(-) 3.88	
12.Mustard - Boro -F		1252	7.04	1154	6.51	(-) 0.53	
13. Boro -F-F		819	4.62	591	3.33	(-) 1.29	
14. Boro-F-B.Aman		386	2.18	375	2.11	(-) 0.07	
15. Rabi Vegetables-F-B. Aman		386	2.17	507	2.86	(+) 0.69	
16.Boro -F-F		low land	2518	14.17	2011	11.34	
17.Mustard - Boro -F	430		2.42	591	3.34	(+) 0.92	
18.Boro-F-B.Aman	547		3.08	559	3.15	(+) 0.07	
19.Rabi Vegetables-F-F	335		1.89	455	2.57	(+) 0.68	
20.Boro -F-F	Very low land	3640	20.48	3430	19.36	(-) 1.12	
21.Boro (Local) -F-F		482	2.71	457	2.58	(-) 0.23	
Total		17,755	100	17,723	100	0.00	

2(b) Change in Land Type: (Begumgonj Upzilla)

Land type	Previous (2004)		Present (2023)		% increase/ decrease	Possible reasons
	Area (ha)	%	Area (ha)	%		
Highland	497	2.09	554	2.33	+0.24	Due to new roads, homesteads and decrease of annual rainfall
Medium Highland	4883	20.55	4100	17.25	-3.30	
Medium Lowland	11731	49.36	11911	50.12	+0.76	
Lowland	1086	4.57	951	4.00	-0.57	
Miscellaneous	5569	23.43	6250	26.30	+2.87	
Total	23766	100.00	23766	100.00		

2(c) Change in Land Use: (Begumgonj Upzilla)

Land Use	Land type	Previous (2004)		Present (2023)		% increase/ decrease	Possible reasons
		Area (ha)	%	Area (ha)	%		
1. Rabi Vegetables-Kharif Vegetables	HighLand	497	2.09	554	2.33	+0.24	Due to changes of land type.
2. Rabi Crops –T.Aus-T. Aman	Medium Highland	642	2.71	539	2.27	-0.44	
3. Rabi Crops –F - T. Aman		490	2.06	411	1.73	-0.33	
4.Boro – F – T. Aman		1077	4.53	905	3.81	-0.72	
5. Boro – F – F		2674	11.25	2245	9.44	-1.81	
1. Boro – F – F	Medium Lowland	11731	49.36	11911	50.12	+0.76	
1. Boro – F – F	Lowland	1086	4.57	951	4.00	-0.57	
Miscellaneous	-	5569	23.43	6250	26.30	+2.87	
Total		23766	100.00	23766	100.00		

2(b) Changes in Land Type: (Khagrachhari Sadar)

Land type	2010 (Year)		2022(Year)		% increase(+)/ decrease(-)	Possible reasons
	Area (ha)	%	Area (ha)	%		
Highland	24,606	83.2	24506	82.8		
Medium Highland	1,367	4.6	1,367	4.6		
Medium Lowland						
Lowland						
Very lowland						
Miscellaneous	3614	12.2	3714	12.6		
Total	29,587	100	29,587	100		

2(c) Changes in Land Use: (Khagrachhari Sadar)

Land use	2010		2022		% increase(+)/ decrease(-)	Possible Reasons
	Area (Ha)	%	Area (Ha)	%		
Forest	10202	34.5	7841	26.5	8% (-)	Converted to orchard
Orchard	2387	8.1	6952	23.5	15% (+)	Orchard increase due to economic benefit
Jum and annual crop	1917	6.5	1479	5	1.5% (-)	Jum plot reduced converted to orchard
Fallow	7579	25.6	4723	15.9	9.3% (-)	Converted to orchard
Annual crop	1063	3.6	1479	5	1.4 % (+)	increase due to economic benefit
Rc- F - TA	851	2.9	1479	5	2.1 (+)	Increases Boro rice cultivation due to high yield
Rc-Kharif Veg-TA	607	2.1	592	2		
Rc- TAus-TA	304	1	296	1		
Boro(HYV)-F-TA	607	2.1	592	2		
F – TAus- TA	456	1.5	440	1.5		
Miscellaneous	3614	12.2	3714	12.6		
Total	29587	100	29587	100		

3. Mobile Soil Testing Services (MSTL) 2022-2023

Name of Office	District	Name of Upazila& sample no.		Remarks
		Rabi/2022	Kharif/2023	
Chattogram	Chattogram	Sitakondo-50	-	
		Bashkhali-50	-	
		Patiya-50	-	
Brahmanbaria	Brahmanbaria	Sarail-50	-	
Cumilla	Cumilla	CumillaSadar	Barura-55	
		South-50		
		Chandina-50	-	
Chandpur	Chandpur	Faridgonj-50	-	
Rangamai	Rangamati	Naniarchar-50	-	
		Kaukhali-50	-	
Noakhali	Feni	Daganbhuiyan-50	-	
	Noakhali	Koborhat-50	-	

4. Yield Data of STB Field Trial

Name of Office	Upazila	District	Crop (s) & variety (s)	Average yield (t/ha)		Yield increase/d ecrease (%)
				Farmers' field	Demonstration plot	
Chattogram	Raozan	Chattogram	Amon Brrri Dhan-87	4.0	4.5	12
	Fatikchari		Amon Brrri Dhan-87	6	6.5	8
Brahmanbaria	Ashuganj	Brahmanbaria	BRRi Sharisha-14	1.1	1.2	15
Cumilla	Cumilla Sadar South	Cumilla	BRRi Dhan-87	5.5	6.1	+11.0
	Cumilla Adarsha Sadar	Cumilla	BRRi Dhan-87	5.7	6.4	+12.3
Rangamati	Naniarchar	Rangamati	Aman-22 (BRRi Dhan 80)	4.3	5.0	14.3
	Naniarchar	Rangamati	Aman-22 (BRRi Dhan 75)	4.4	5.3	16.6
Noakhali	NoakahliSadar	Noakhali	Brrri Dhan-87	4.2	4.7	12
	Kabir hat		Brrri Dhan-93	4.4	5.2	18

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		
Chattogram	Chattogram	-	-	-	-	No Officer Assign
Brahmanbaria	Brahmanbaria	Sarail	50	50	100	
		Nabinagar	50	50	100	
		Ashugonj	100	50	150	
Cumilla	Cumilla	Debidwar	42	-	42	
		Cumilla Adarsha Sadar	50	-	50	
		Lalmai	40	-	40	
		Chandina	100	-	100	
		Cumilla Sadar South	50	-	50	
		Burichang	-	442	442	
Chandpur	Chandpur	Chandpur Sadar	50	119	169	
Rangamati	Rangamati	Rangamati Sadar	53		53	
		Kaukhali	50		50	
		Naniarchar	60	100	160	
	Khagrachhari	Mohalchhari		100	100	

6. Training Programmes

6 (a) Training Received

Name of Office	Title of the programme	Duration	Host organization	Participant	
				Designation	Number
Chattogram	Conduct and Discipline	05 Days	RPATC, Chattogram	SO	01
	Workshop on Annual Performance Agreement (APA)	01 Day	RPATC, Chattogram	SO	01
	Training on software data entry	02 Days	SRDI, Dhaka	SO	01
	Training on Map Digitization	03 Days	SRDI, Rangamati	SO	01
Rangamati	FRN method focusing on Cs-137 and pb-210 for erosion assessment	14 days	Bangladesh Atomic Energy Commission	SSO	1
	Use of image processing software	3 Days	SRDI, HQ	SSO	1
	Use of image processing software	2 Days	SRDI, HQ	SSO	1
Noakhali	Workshop on Annual Performance Agreement (APA)	1 days	RPATC,	SO	01
	Training on Map Digitization	03 Days	SRDI, Rangamati	S O	01
	Program on field signature data collection using Survey 123 app.	2 days	SRDI-Dhaka	SO	01
Cumilla	Training on software data entry	02 Days	SRDI, Dhaka	S O	01
	Training on Map Digitization	03 Days	SRDI, Rangamati	S O	01
Cox's Bazar	Workshop on Annual Performance Agreement (APA)	01 Day	RPATC, Chattogram	SO	01
	Training on software data entry	02 Days	SRDI, Dhaka	SO	01
	Training on Map Digitization	03 Days	SRDI, Rangamati	SO	01

6 (b) Training Imparted

Name of Office	Title of the programme	Duration	Host organization	Participant	
				Type	Number
Chattogram	Training on soil sampling methods and application of balanced fertilizers	1 day	SRDI, Chattogram	Farmer	150
Brahmanbaria	Soil Sample Collection Procedure, Use of Balance Fertilizer and Identification of Adulterated Fertilizer	1 day	SRDI	Farmer	50
Cumilla	Soil Sample Collection Procedure , Use of Balance Fertilizer and Identification of Adulterated Fertilizer	1 day	SRDI	Farmer	150
Chandpur	Soil Sample Collection Procedure	1 day	SRDI	Farmer	50
Rangamati	Soil sample collection technique, identification of adulterate fertilizers, Soil & Fertilizer management	1(one day)	SRDI, Rangamati	farmer	100
Noakhali	Soil Sample Collection Procedure	1(one day)	SRDI	farmer	100
Cox's Bazar	Soil Sample Collection Procedure	1 day	SRDI	Farmer	50

7. Union Sahayika Preparation

Name of Office	District	Upazila	No. of Shahayika Prepared
Cumilla	Cumilla	Homna	6
Brahmanbaria	Brahmanbaria	Bancharampur	12
Rangamati	Brahmabaria	Akhaura	6

8. Block Survey

Name of Office	District	Upazila	Union	No. of Block
Cumilla	Cumilla	Barura	Vobanipur	1
Brahmanbaria	Brahmanbaria			
Rangamati	Rangamati			

9. Distribution of saplings and seedlings

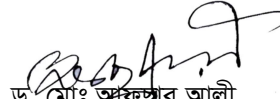
Name of Office	District	Upazila	Number		Total	Remarks
			Fruits	Vegitables		
Cumilla	Cumilla	Cumilla Sadar South	100	-	200	
		Chandina	100	-		
Chandpur	Chandpur	Faridgonj	100	-	100	
Brahmanbaria	Brahmanbaria	Sarail	100	-	100	
Rangamati	Rangamati	Nanirchare	-	500	500	

10. Advisory Services to Beneficiaries

Name of Office	District	Upazila	Agency	Service Provided
Chattogram	Chattogram	Sadar	War Cemetery	10 Soil Samples were tested and reported.
Cumilla	Cumilla	Cumilla Sadar South	UAO, DAE Cumilla Sadar South	Updated Nirdeshika 30
Rangamati	Rangamati	Rangamati Sadar	Karnaphuli paper mill	Fertility data
			CEGIS	Soil conservation methods

11. Miscellaneous Activities

- Participation in broadcasting of Radio Talks about SRDI technologies.
- Attending Co-ordination Meeting of different organization of Ministry of Agriculture.
- Attending District Agricultural Technical Committee Meeting.
- Attending District Agricultural Rehabilitation Meeting.
- Technical support of different University students for research purposes.
- Distribution of Leaflet of avoiding excessive use of fertilizer different Upazila.



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