

Government of the Peoples' Republic of
Bangladesh
Ministry of Agriculture
Soil Resource Development Institute
Central Laboratory, Mrittika Bhavan,
Krishi khamar Sarak, Dhaka-1215.
www.srdi.gov.bd

Record Number: 12.03.0000.034.57.001.19.154

Date: 10/4/2019

Subject: **Analytical results of 34 soil samples.**

Reference: IFDC/RDA/2019/1; February 12, 2019.

The analytical results of 34 soil samples sent by you are attached herewith.

Begom Sultana

10-Apr-2019

Dr. Begom Samia Sultana
Principal Scientific Officer

Ishrat Jahan, Regional Director of Asia, IFDC
Bangladesh, House 4B, Road 62, Gulshan-2,

Record Number: 12.03.0000.034.57.001.19.154/1(2)

Date: 10/4/2019

Copy for Kind Information and Necessary Action,

- 1) Personal Assistant of Director SRDI, Soil Resource Development Institute, Krishi Khamar Sarak, Dhaka-1215.
- 2) Office copy.

Begom Sultana

10-Apr-2019

Dr. Begom Samia Sultana
Principal Scientific Officer

Government of the Peoples Republic of Bangladesh
Soil Resource Development Institute
Central Laboratory
Krishi Khamar Sarak, Dhaka.

**Analytical results of 34 soil samples sent from Ishrat Jahan, Regional Director of Asia,
IFDC Bangladesh, House 4B, Road 62, Gulshan-2, Dhaka-1212.**

Lab No.	Sample ID.	pH	Organic Matter	Total Nitrogen	Potassium	Calcium	Mag-nesium
			%		meq/100g soil		
5712	1	5.5	1.4	0.150	0.20	1.98	0.28
		Strongly Acidic	Low	Low	Medium	Low	Very Low
5717	6	5.2	1.1	0.110	0.17	1.08	0.35
		Strongly Acidic	Low	Low	Low	Very Low	Very Low
5722	11	6.5	2.3	0.140	0.42	34.21	6.52
		Slightly Acidic	Medium	Low	High	Very High	Very High
5723	12	8.4	1.5	0.120	0.32	25.35	4.11
		Slightly Alkaline	Low	Low	Optimum	Very High	Very High
5724	13	7.5	4.0	0.110	0.50	14.18	4.30
		Slightly Alkaline	High	Low	Very High	Very High	Very High
5725	14	7.0	2.2	0.140	0.53	8.19	4.47
		Neutral	Medium	Low	Very High	Very High	Very High
5726	15	7.6	2.4	0.110	0.24	9.64	4.71
		Slightly Alkaline	Medium	Low	Medium	Very High	Very High
5727	16	6.7	2.5	0.170	0.27	30.31	4.91
		Neutral	Medium	Low	Medium	Very High	Very High
5728	17	6.4	1.9	0.110	0.37	7.99	5.09
		Slightly Acidic	Medium	Low	High	Very High	Very High
5729	18	7.1	2.2	0.110	0.27	20.94	3.05
		Neutral	Medium	Low	Medium	Very High	Very High

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10/04/2019

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Lab No.	Sample ID.	pH	Organic Matter	Total Nitrogen	Potassium	Calcium	Mag-nesium
5730	19	7.1	2.6	0.120	0.38	29.54	9.15
		Neutral	Medium	Low	High	Very High	Very High
5734	23	7.4	2.2	0.110	3.42	29.43	9.03
		Slightly Alkaline	Medium	Low	Very High	Very High	Very High
5738	27	7.4	2.2	0.170	0.65	19.22	7.78
		Slightly Alkaline	Medium	Low	Very High	Very High	Very High
5742	31	7.4	1.5	0.110	0.51	21.20	7.47
		Slightly Alkaline	Low	Low	Very High	Very High	Very High

Lab No.	Sample ID.	Phos-phorus	Sulphur	Boron	Copper	Iron	Zinc
5712	1	18.12	22.78	0.03	1.56	208.36	1.67
		Optimum	Optimum	Very Low	Very High	Very High	Optimum
5717	6	25.95	19.75	0.05	1.47	53.57	0.95
		High	Medium	Very Low	Very High	Very High	Medium
5722	11	39.33	20.26	0.22	3.27	51.16	0.97
		Very High	Medium	Low	Very High	Very High	Medium
5723	12	17.88	39.68	0.60	2.39	23.97	1.95
		Medium	Very High	Optimum	Very High	Very High	High

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Lab No.	Sample ID.	Phos-phorus	Sulphur	Boron	Copper	Iron	Zinc
		µg/g (ppm)					
5724	13	10.28	190.04	0.43	6.22	121.45	1.08
		Low	Very High	Medium	Very High	Very High	Medium
5725	14	3.95	159.39	0.05	4.67	69.22	4.49
		Very Low	Very High	Very Low	Very High	Very High	Very High
5726	15	2.90	36.25	0.15	5.17	156.04	0.71
		Very Low	High	Very Low	Very High	Very High	Low
5727	16	61.97	26.49	0.60	2.66	61.36	1.79
		Very High	Optimum	Optimum	Very High	Very High	Optimum
5728	17	53.27	56.75	0.18	6.73	204.65	1.00
		Very High	Very High	Low	Very High	Very High	Medium
5729	18	24.39	37.37	0.50	2.10	49.01	1.39
		Optimum	High	Optimum	Very High	Very High	Optimum
5730	19	18.91	51.04	0.18	3.10	121.80	2.46
		Medium	Very High	Low	Very High	Very High	Very High
5734	23	16.48	135.96	0.03	3.39	29.95	1.06
		Medium	Very High	Very Low	Very High	Very High	Medium
5738	27	23.78	164.05	0.31	2.74	44.59	1.41
		Optimum	Very High	Medium	Very High	Very High	Optimum
5742	31	8.84	64.10	0.24	2.62	12.78	0.62
		Low	Very High	Low	Very High	Very High	Low

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Lab No.	Sample ID.	Sulphur
		$\mu\text{g/g}$ (ppm)
5713	2	6.73
		Very Low
5714	3	7.88
		Low
5715	4	7.24
		Very Low
5716	5	7.99
		Low

Lab No.	Sample ID.	Sulphur
		$\mu\text{g/g}$ (ppm)
5718	7	13.67
		Low
5719	8	10.20
		Low
5720	9	9.72
		Low
5721	10	6.69
		Very Low

Lab No.	Sample ID.	EC
		dS/m
5731	20	1.1
		Non Saline
5732	21	1.9
		Non Saline
5733	22	1.3
		Non Saline
5735	24	1.0
		Non Saline
5736	25	1.2
		Non Saline
5737	26	1.5
		Non Saline

Lab No.	Sample ID.	EC
		dS/m
5739	28	6.4
		Slightly Saline
5740	29	5.3
		Slightly Saline
5741	30	5.0
		Slightly Saline
5743	32	2.4
		Very Slightly Saline
5744	33	1.6
		Non Saline
5745	34	1.6
		Non Saline

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