

COOCHBEHAR DISTRICT AT A GLANCE

- 1) **Total Geographical Area:** 3,38,700 ha (Longitude: 88°97'60'', Latitude: 26°32'20'')
- 1) **No. of Administrative Subdivision:** 5 (Coochbehar Sadar, Tufanganj, Mathabhanga, Dinhata, Mekhliganj)
- 2) **No. of Agril. Subdivision:** 4 (Coochbehar Sadar, Mathabhanga, Dinhata, Mekhliganj)
- 3) **No. of Panchayet Samity:** 12
- 4) **No. of Gram Panchayet:** 128
- 5) **Cultivable Area:** 2,58,296 ha
- 6) **Net Cultivated Area:** 2,48,144 ha
- 7) **Gross Cultivated Area:** 5,47,108 ha
- 8) **Cropping Intensity:** 220.48%
- 9) **No. of Farmers:** Approx 3,70,000
- 10) **No. of Active Farmer's Club:** 125
- 11) **Total No. of Cold Storage:** 13 Nos (Capacity approx 1,60,000 MT)
- 12) **Population Density:** 772
- 13) **Total population:** 24,79,155
- 14) **No. of Regulated Market:** 4
- 15) **No. of Wholesale Market:** 18
- 16) **No. of Primary Market:** 221
- 17) **No. of Bank Branch:** 128
- 18) **Lead Bank:** CBI 30 Branch
- 19) **No. of Gramin Bank:** 47
- 20) **No. of Kishan Credit Card Holder:** 60,000 approx
- 21) **No. of Input Dealer:** 1200 approx
- 24) **NAIS:** During 2009-10 year 28,449 no. of farmers received crop insurance benefit for potato to the tune of Rs. 23.77 crore. During 2009-10 year 2186 no. of farmers received crop insurance benefit for *boro* paddy to the tune of Rs. 1.199 crore.

25) Area (000 ha) and Production of (000 MT) Paddy of Coochbehar District.

Crop	2004-05		2005-06		2006-07		2007-08		2008-09		2009-10	
	Area	Prodn	Area	Prodn	Area	Prodn	Area	Prodn	Area	Prodn	Area	Prodn
Aus paddy	14.031	18.116	12.032	17.728	12.407	10.987	12.303	16.627	12.953	32.2	18.75	51.1
Aman paddy	216.497	366.064	235.239	449.044	196.996	351.419	230.836	354.548	229.612	546.127	224.7	550.51
Boro paddy	38.783	88.965	33.222	78.806	30.049	83.386	50.357	147.655	67.27	172.253	68.54	195.76
Total	269.311	473.145	280.493	545.578	239.452	445.792	293.496	518.830	309.835	750.58	311.99	797.37

26) Area (000ha) and Production (000MT) of Other Crops of Coochbehar District.

Crop	2004-05		2005-06		2006-07		2007-08		2008-09		2009-10 (Notional)	
	Area	Prodn	Area	Prodn	Area	Prodn	Area	Prodn	Area	Prodn	Area	Prodn
Wheat	17.568	33.387	14.030	23.615	12.879	25.192	13.366	29.302	10.233	16.597	10.6	34.98
Potato	16.849	427.920	24.068	242.966	24.121	273.044	18.639	478.949	27.505	340.272	27.5	700.00
Total pulses	7.961	4.473	9.192	8.198	8.830	4.863	5.899	3.686	9.12	5.928	9.08	6.012
Total oilseeds	30.046	13.409	22.495	12.126	22.584	12.029	20.811	9.633	25.565	13.809	27.72	16.2
Jute	65.850	623.168	69.983	764.207	73.101	761.987	87.694	985.124	85.203	977.953	82.46	959.59
Tobacco	14.115	19.450	13.100	19.355	11.260	16.147	10.980	16.024	12.01	17.574	12.05	18.12
Vegetable	49.13	997.65	54.97	1028.16	53.012	1024.745	51.81	1001.80	52.365	1010.825	54.50	1015.8

27) Irrigated Area: 32 % of net cultivated area

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28) Number of RLI: 111, Deep Tube Well: 76

Name of the Block	RLI	Deep Tube well
Coochbehar-I	8	11
Coochbehar-II	11	8
Tufanganj-I	8	6
Tufanganj-II	8	7
Dinhata-I	17	18
Dinhata-II	16	9
Sitai	5	2
Mathabhanga-I	8	2
Mathabhanga-II	11	3
Sitalkuchi	8	5
Mekhliganj	10	3
Haldibari	1	3
Total	111	76

* There are other irrigation sources like Mini RLI, Mini Deep Tube Well, STW, Cluster Shallow and Channels. Recently through Accelerated Development of Minor Irrigation (ADMI) more areas will be brought under irrigation.

29) Total Number of Government Farms Under the Deptt. of Agril. In Coochbehar District: 9

1. Subdivisional Adaptive Research Farm, Barokodali, Tufanganj-II
2. Subdivisional Adaptive Research Farm, A.K. Paradubi, Mathabhanga-II
3. Subdivisional Adaptive Research Farm, Dinhata
4. Subdivisional Adaptive Research Farm, Haldibari
5. District Seed Farm, Sadar, Coochbehar
6. Block Seed Farm, Mathabhanga-I
7. Block Seed Farm, Sitalkuchi
8. Block Seed Farm, Sitai
9. Block Seed Farm, Mekhliganj

Total amount of seed produced during 2009-2010 was to the tune of 63 MT.

30) Average Annual Rain Fall: Approx. 3000 mm. Rainfall is higher in Sadar and Dinhata subdivision as compared to Mathabhanga and Mekhliganj.

31) Average Monthly Temperature: 21 °C

32) Monthly Rainfall, Average Daily Sunshine Hrs, Maximum & Minimum Temperature:

Month	Monthly Rainfall (mm) (2009)	Sunshine Hrs (2006)	Maximum Temperature °C	Minimum Temperature °C
January	0.00	5.8	23.1	9.70
February	0.00	6.3	27.4	14.0
March	50.40	8.6	30.9	14.4
April	175.10	5.5	30.8	20.0
May	275.20	5.8	32.3	21.7
June	557.90	4.0	31.4	23.9
July	340.50	5.4	32.7	24.5
August	919.70	8.3	34.2	24.5
September	217.70	5.4	31.2	22.9
October	301.20	8.6	31.9	19.0
November	1.00	6.2	28.3	16.6
December	0.00	7.7	26.0	12.0

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33) Distribution of Operational Holding According to Size Class:

Year	Size-Class					
	Marginal		Small		Semi-Medium	
	Number of Holding	Area of Holding (ha)	Number of Holding	Area of Holding (ha)	Number of Holding	Area of Holding (ha)
2000-2001	235934	128277	51459	79937	20200	57423

Year	Size-Class					
	Medium		Large		Total	
	Number of Holding	Area of Holding (ha)	Number of Holding	Area of Holding (ha)	Number of Holding	Area of Holding (ha)
2000-2001	1764	8805	14	259	309371	274702

* Avg. size of holding 0.89 ha

Source: Agriculture Census 2000-2001

34) **Total SC Population:** 1242374 (50.1 % of the total population) (Source: Census 2000-2001)

35) **Total ST Population:** 14246 (Source: Census 2000-2001)

36) **Total Population:** 24,79,155 (Source: Census 2000-2001)

37) **Total Fertilizer Consumption during 2004:**

N (000 MT)	P (000 MT)	K (000 MT)	Total (000 MT)
34.6	20.2	17.8	72.6

38) **Number of Fertilizer Mixing Plant:** 1 (At Pundibari)

39) **Number of Agricultural Credit Societies:** 196

40) (a) **Number of Soil Testing Laboratory:** 1(One) (at Coochbehar Sadar)

(b) **Number of Mobile Soil Testing Laboratory:** 1 (One)

41) **Per Hectare Fertilizer (not NPK) Consumption:** 290 kg

42) **Number of Fruit Processing Units:** Big: 2 Nos (Cob-I: 2 Nos),
Small: 6 Nos (Math I-2, Math-II: 3, Cob-I:1)

43) **Number of Green House for Commercial Floriculture:** **1. Hi-Tech:**1 No, Gerbera
(Dakghara, Mathabhanga-I)
2. Normal: 6 Nos, Ornamental
Plants/Seedlings
(Coochbehar-I: 4 Nos,
Mathabhanga-I: 1 No,
Tufanganj-I: 1 No)

44) **Number of Multipurpose Cold Storage:** 2 (Bhatibari, Sitai)

45) **Few Main Commercial Fruit Orchards:**

Sl. No.	Location	Crop
1	Haldibari	Guava
2	Matalhat, Dinhata-I	Guava
3	Kursahat, Mathabhanga-I	Mango
4	Hazrahath, Mathabhanga-I	Mango
5	Dolongmore, Mathabhanga-II	Mango
6	Falimari, Coochbehar-I	Mango
7	Nayerhat, Dinhata	Mango, Litchi
8	Sitalkuchi	Litchi
9	Pundibari, Coochbehar-II	Mango

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46) **Main Horticultural Crops with Production and Productivity:**

VEGETABLE CROPS AT COOCHBEHAR DISTRICT (2009-2010)							
Sl. No.	Name of the Crop	Area ('000 ha)	Area ('000 ha)	Area ('000 ha)	Production ('000 MT)	Production ('000 MT)	Production ('000 MT)
		Rainy	Winter	Summer	Rainy	Winter	Summer
1	Tomato	-	3.245	-	-	145.150	-
2	Cabbage	-	4.520	-	-	130.500	-
3	Cauliflower	-	4.450	-	-	125.000	-
4	Peas	-	0.192	-	-	1.955	-
5	Brinjal	1.295	2.650	1.340	13.85	50.490	15.200
6	Onion	-	0.515	-	-	8.385	-
7	Lady's Finger	0.540	0.055	2.360	4.690	0.450	25.800
8	Beans	-	0.675	-	-	6.950	-
9	Cucurbits	1.785	1.110	6.80	20.785	12.690	140.120
10	Radish	-	2.064	0.130	-	28.670	0.900
11	Watermelon	-	-	2.570	-	-	62.680
12	Sweet Potato	0.100	-	0.105	1.110	-	1.210
13	Elephant F. Y.	0.535	-	-	9.88	-	-
14	Colocasia	5.40	-	-	76.80	-	-
15	Leafy Vegs.	1.10	1.20	2.650	10.90	11.300	30.350
16	Other Vegs.	1.10	2.15	2.295	10.12	25.260	20.040
17	Total	11.855	22.825	18.250	148.135	546.800	296.300
SPICE CROPS AT COOCHBEHAR DISTRICT (2009-2010)							
Sl. No.	Name of the Crop					Area ('000 ha)	Production ('000 MT)
18	Chilli (Rabi)					5.930	63.100
19	Chilli (Bhadoi)					1.860	4.230
20	Ginger					0.590	5.450
21	Turmeric					1.525	2.620
22	Black Pepper					0.030	0.010
23	Garlic					0.885	9.250
24	Methi					0.010	-
25	Coriander					0.180	-
Total						11.010	84.660
FLOWERS AT COOCHBEHAR DISTRICT (2009-2010)							
Sl. No.	Name of the Crop			Area ('000 ha)	Production ('000 MT)	Production (Lakh spikes)	
26	Gladiolus			0.015	-	22.00	
27	Tuberose			0.015	-	5.00	
28	Marigold			0.025	0.160	-	
29	Seasonal Flowers			0.040	0.045	-	
30	Misc. Flowers			0.020	0.030	-	
Total				0.115	0.235	27.00	
FRUIT CROPS AT COOCHBEHAR DISTRICT (2009-2010)							
Sl. No.	Name of the Crop			Area ('000 ha)		Production ('000 MT)	
31	Mango			1.020		1.890	
32	Banana			1.855		33.460	
33	Pineapple			0.083		2.590	
34	Papaya			0.200		6.270	
35	Guava			0.275		5.600	
36	Jackfruit			1.100		29.750	
37	Litchi			0.335		2.670	

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38	Citrus	0.340	2.730
40	Sapota	0.026	0.010
39	Misc. Fruits	0.430	2.970
Total		5.665	87.940
PLANTATION CROPS AT COOCHBEHAR DISTRICT (2009-2010)			
Sl. No.	Name of the Crop	Area ('000 ha)	Production
40	Coconut	1.255	70.10 Lakh Nuts
41	Arecanut	2.075	3.20 ('000 MT)
42	Betel Vines	0.240	140.0 Lakh motes
Total		3.570	

47) **Main Cropping Sequences:**

Sl No	Cropping sequence	Time of sowing											
		January	February	March	April	May	June	July	August	September	October	November	December
1.	Jute-Aman Rice-Vegetables/Potato			Jute		Aman						Veg/Potato	
2.	S. Maize-Aman Rice-Vegetables/Potato		Maize			Aman						Veg/Potato	
3.	Jute-Aman Rice-Tobacco			Jute		Aman					Tobacco		
4.	Aus Rice-Fallow-Winter Vegetables/Potato			Aus Rice						W.Vegetables/ Potato			
5.	Jute-Aman Rice-Mustard/Wheat			Jute		Aman						Mustard/ Wheat	
6.	Jute-Aman Rice-Fallow			Jute		Aman							
7.	Jute-Aman Rice-Rabi Maize			Jute		Aman						R. Maize	
8.	S. Veg-Aman Rice-Fallow		S. Veg.			Aman							
9.	Jute-Aman Rice-Pulse (Pls)			Jute		Aman				Pls			
10.	Fallow-Aman Rice-Winter Veg./Potato					Aman						Winter Veg./Potato	
11.	Fallow-Aman Rice-Boro Rice					Aman						Boro Rice	
12.	Fallow-Aman Rice-Boro Rice					Aman						Boro Rice	
13.	Aus Rice-Potato-Potato			Aus Rice						Potato		Pot ato	

48) **Main Rivers:**

SL No.	Name of the Block	Name of the Rivers
1.	Coochbehar-I	Torsa
2.	Coochbehar-II	Torsa, Kaljani
3.	Tufanganj-I	Sankosh, Kaljani, Gadhadhar, Ghargharia
4.	Tufanganj-II	Raidak-1 & 2
5.	Dinhata-I	Mansai, Kaljani, Singimari
6.	Dinhata-II	Baniadaha
7.	Sitai	Mansai
8.	Mathabhanga-I	Mansai, Jarda
9.	Mathabhanga-II	Mansai, Dudua, Mujnai
10.	Sitalkuchi	Mansai, Dharola
11.	Mekhliganj	Dharola
12.	Haldibari	Tista

49) **Number of Delineated Watersheds:** Total 6 Nos

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Nababganj Balasi, Dewanhat, Coochbehar-I
 Choto Phalimari, Dinhata-I
 Rangamati, Mathabhanga-II
 Panigram, Mathabhanga-I
 Airani Chithalia, Maruganj, Tufanganj-I
 Bans Raja, Tufanganj-I

- 50) **Soil of Coochbehar District:** A gentle slope from North West to South East is characteristic of this district. The geological formation is the alluvium of recent times deposited by *Tista* and *Mahananda* rivers. The Climate is humid to sub-humid. The mean annual rainfall is more than 2500 mm usually covering the annual PET. The soil moisture regime is mostly Ustic, while soil temperature regime is Hyperthermic. The length of moisture availability (LGP) ranges between 270-300 days in an year. The principal crops are Paddy, Jute, Tobacco and Vegetables.

Order: Entisol

Important Soil Properties (of soil samples received from 2005-2008):

Sl No	Block	pH				EC				Org. C			P ₂ O ₅			K ₂ O		
		Number of samples falling in				Number of samples falling in				Number of samples falling in			Number of samples falling in			Number of samples falling in		
		A	Sa	N	Al	N	CG	CGSSC	Inj	L	M	H	L	M	H	L	M	H
1	Cob-I	381	442	115	14	892	31	31	15	383	399	170	467	205	280	468	372	111
2	Cob-II	323	300	77	00	677	131	131	7	346	346	114	271	142	287	321	297	82
3	Tuf-I &II	133	32	10	2	169	4	1	3	33	82	62	74	32	71	73	76	28
4	Dinh-I	45	85	9	0	133	2	3	1	60	54	25	29	24	86	79	39	21
5	Dinh-II	171	49	2	0	197	7	2	16	74	89	59	112	37	73	94	74	54
6	Sitai	38	1	0	0	37	1	0	1	3	17	19	9	5	25	8	24	7
7	Math-I	157	61	2	0	214	6	0	0	40	101	79	38	49	133	88	87	45
8	Math-II	72	41	13	0	117	7	1	1	58	51	17	69	30	27	69	42	15
9	Sitalku	153	14	0	0	150	11	2	4	28	62	77	76	16	75	79	63	25
10	Mekhl	128	8	0	0	131	2	0	3	36	40	40	17	20	99	64	54	18
11	Haldi	120	40	1	0	137	17	5	2	62	87	12	34	37	90	39	72	50

Source: STL, Coochbehar

- 51) **Soil Series of Coochbehar District:**

Name	Lotafela Series	Matiarkuthi Series	Balarampur Series	Rajpur Series
Characteristics				
Classification	Coarse-loamy, Mixed, Hyperthermic, Aquic, Ustifluvents	Coarse-loamy, Mixed, Hyperthermic, Aquic, Ustifluvents	Fine-silty, Mixed, Hyperthermic, Typic Ustifluvents	Fine-loamy, Mixed, Hyperthermic, Aeris, Endoaquepts
Type Location	Village: Lotafela, P.S.: Dinhata, 26°12'N Lat., 89.39°E Long	Village: Matiarkuthi, P.S.: Coochbehar, 26°20' N Lat., 89°18' E Long	Village: Balarampur, P.S.: Tufanganj, 26°15' N Lat., 89°38' E Long	Village: Rajpur, P.S.: Coochbehar, 26°18' N Lat., 89°19' E Long
Physiographic Position	Indo-gangetic Alluvial Plain (Tista Plain); Active Alluvial Plain	Indo-gangetic Alluvial Plain (Tista Plain); Recent Alluvial Plain	Indo-gangetic Alluvial Plain (Tista Plain); Recent Alluvial Plain	Indo-gangetic Alluvial Plain (Tista Plain); Recent Alluvial Plain

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Elevation	190 m above MSL	40-50 m above MSL	190 m above MSL	40-50 m above MSL
Ground Water Table	5-10 m	5-10 m	5-10 m	5-10 m
Thickness of solum (cm)	100-130	30-75	100-130	100-130
Slope, Erosion and Relief	Leveled to nearly leveled slopping (0-1%), very slow erosion and normal relief	Very gently slopping (1-3%), moderate erosion and normal relief	Leveled to nearly leveled slopping (0-1%), moderate erosion and sub-normal relief	Leveled to nearly leveled slopping (0-1%), very slow and sub-normal relief
Drainage and Permeability	Moderately well drained and rapid permeability	Imperfectly drained and rapid permeability	Imperfectly drained and moderate permeability	Imperfectly drained and moderate to low permeability
Geology and Parent Material	Alluvium	Alluvium	Alluvium	Alluvium
Distribution and Extent	Extensive in North-East-South-West and Eastern part of Coochbehar district	Extensive in Eastern and Central part of Coochbehar district	Extensive in Central and Southern part of Coochbehar district	Extensive in Coochbehar district and southern part of Jalpaiguri district
Interpretation	Moderately coarse textured. Available moisture capacity moderate, Suited for paddy with intensive soil and water conservation measurement	The soils are coarse texture with low available water capacity	Medium texture and have drainage problems. Suited for paddy in <i>kharif</i> season wheat with irrigation in <i>rabi</i> season.	The soils are medium textured with medium available water capacity. They have moderate air water relationship and suitable for paddy
Land Capability Class	IIIs	IVs	IIw	IIIs
Irrigability	2s	4d	2d	2d
Productivity Potential	Low-medium	Low	High	Medium
Texture (0-15 cm)	Sand (%): 54.0	Sand (%): 55.0	Sand (%): 16.8	Sand (%): 36.0
	Silt (%): 27.3	Silt (%): 25.1	Silt (%): 60.0	Silt (%): 50.3
	Clay (%): 18.7	Clay (%): 19.9	Clay (%): 23.2	Clay (%): 13.7

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pH (1: 2.5) (0-15 cm)	7.6	5.6	5.0	7.0
Organic Carbon (%) (0-15 cm)	0.75	1.20	0.10	0.48
CEC [cmol (p ⁺) kg ⁻¹] (0-15 cm)	4.00	11.8	6.00	5.60
Percent Base Saturation (%) (0-15 cm)	83.0	58.0	57.0	78.0

Source: Soil Series of West Bengal, NBSS & LUP.

52) Ongoing Schemes in Coochbehar District:

1. National Food Security Mission (NFSM)
2. Rastriya Krishi Vikash Yojana (RKVY)
3. Agricultural Technology Management Agency (ATMA)
4. Integrated Scheme on Oil palm, Pulses, Oilseeds and Maize (ISOPOM)
5. SJDP (Jute Minimission-II)
6. Farm Mechanization
7. ICDP
8. Strengthening of Seed Farms
9. NWDPR
10. National Horticulture Mission
11. National Bamboo Mission
12. West Bengal Farmers Old Age Pension Scheme
13. Seed Village Programme (State Plan)
14. Bio-Village (State Plan)
15. National Agril. Insurance Scheme

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