

AEZ 8: YOUNG BRAHMAPUTRA AND JAMUNA FLOODPLAIN

LAND TYPES

Highland	— 18%
Medium Highland	— 42%
Medium Lowland	— 19%
Lowland	— 9%
Homestead + Water	— 12%

LOCATION AND EXTENTS:

Western parts of Shepur, Jamalpur and Tangail Districts, parts of Manikganj, Dhaka, Munshiganj Narayanganj and Ga zipur districts and a belt adjoining the old Brahmaputra channel through Mymensingh, Kishoreganj and Narshingdi districts
59243190 km² (5924 ha)

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)							
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo
Land Type:	Rainfed										
Highland	Rabi	Wheat	2.5±0.5	45	14	18	3	-	-	0.5	-
O.M. : very	Kharif-1	B.Aus (L)/	2.5±0.2	30	4	10	3	-	-	-	-
Low		Jute (O)	3.5±0.35	75	7	26	6	-	-	-	-
pH: 5.6-7.5	Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	16	8	-	1.0	-	-
Texture:	Rabi	Potato/	20±0.2	68	14	34	7	1.5	1.0	0.5	-
Sandy/Silty		Sweet Potato	24.0±2.4	54	22	26	4	1.0	1.0	0.5	-
K-bearing	Kharif-1	Jute (O)	3.0±0.3	75	7	20	6	-	-	-	-
minerals:	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-
Medium	Rabi	Mustard	1.0±0.1	60	16	24	13	-	-	0.5	-
	Kharif-1	B. Aus (L)/	2.5±0.25	30	4	10	3	-	-	-	-
		Jute (O)	3.5±0.35	75	7	26	6	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	16	8	-	1.0	-	-
	Rabi	Cabbage	52±5.2	90	45	15	14	-	1.5	0.5	-
	Kharif-1	B.Aus (LIV)/	2.5±0.3	30	4	10	3	-	-	-	-
		Jute (O)	3.0±0.3	75	7	20	5	-	-	-	-
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-
	Rabi	Mouri	2.0±0.2	90	36	40	15	-	-	-	-
	Kharif-1	Jute (O)	3.0±0.3	75	7	26	6	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	16	8	-	1.0	-	-
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-I	B.Aus (LIV)/	2.5±0.3	30	8	10	3	-	1.0	-	-
		Jute (O)	3.0±0.3	75	13	29	7	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	16	8	-	1.0	-	-
	Rabi	Sugarcane	8.0±8.0	120	32	80	24	-	2.5	-	-
	Irrigated										
	Rabi	Boro (MV)	6.0±0.6	120	18	36	10	-	1.0	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	66	5	18	8	-	0.5	-	-
	Rabi	Boro (MV)	4.8±0.5	96	13	27	8	-	1.0	-	-
	Kharif-1	GM	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	45	5	18	8	-	0.5	-	-
		T.Aman (LIV)/	3.0±0.3	35	5	16	6	-	0.5	-	-
	Rabi	Wheat	3.5±0.35	90	20	38	5	1.2	-	1.0	-
	Kharif-1	GM	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)/	3.0±0.3	35	5	16	6	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	45	5	18	8	-	1.0	-	-
	Rabi	Wheat	3.5±0.35	90	20	38	5	1.2	-	1.0	-
	Kharif-I	Jute (C)	2.8±0.3	42	6	18	4	-	-	-	-
	Kharif=2	T.Aman (MV)	4.0±0.4	66	5	18	8	-	0.5	-	-
	Rabi	Mustard (LIV)/	1.2 ±0.1	54	15	24	10	-	-	1.0	-
		Boro (MV)	4.8±0.5	96	7	27	8	-	1.0	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	66	5	18	8	-	1.0	-	-

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)							
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo
	Rabi	Sugarcane	100.0±10.0	150	40	100	30	-	2.5	-	-
	Rabi	Sugarcane+	100.0±10.0	150	40	100	30	-	2.5	-	-
		Potato	10.0±1.0	70	15	60	-	-	-	-	-
	Rabi	Sugarcane+	100.0±10.0	150	40	100	30	-	2.5	-	-
		Onion/ Garlic	8.0±0.8 -	75 -	30 -	75 -	30 -	- -	- -	- -	- -
	Rabi	Sugarcane+ Mungbean/ Lentil	100.0±10.0 0.5±0.1	150 10	40 12	100 7.5	30 -	- -	2.5 -	- -	- -
Land Type: Medium Highland O.M: Low pH: 5.4- 7.5 Texture Loamy K- bearing minerals: Medium	Rainfed										
	Rabi	Wheat	2.5±0.25	45	14	18	3	-	-	0.5	-
	Kharif-1	Jute (0)/ Sesame	3.5±0.35 1.0±0.1	75 55	7 10	26 14	6 7	- -	- -	- -	- -
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	16	8	-	1.0	-	-
	Rabi	Potato	20±2.0	68	14	34	7	1.5	1.0	0.5	-
	Kharif-1	Jute (0)/ B.Aus (LIV)	3.0±0.3 2.5±0.3	75 30	7 4	20 8	6 3	- -	- -	- -	- -
	Kharif-2	T.Aman (LIV)/ T.Aman (MV)	3.0±0.3 3.2±0.3	45 42	5 4	12 9	8 7	- -	1.0 1.0	- -	- -
	Rabi	Mustard/ Lentil	1.0±0.1 1.2±0.1	60 11	16 16	24 12	13 5	- -	- -	0.5 0.5	- -
	Kharif-1	B.Aus(LIV)	2.5±0.3	30	4	10	3	-	-	-	-
	Kharif-2	T.Aman(LIV)	3.0±0.3	45	5	16	8	-	1.0	-	-
	Rabi	Mustard	1.0±0.1	60	16	24	13	-	-	0.5	-
	Kharif-1	T.Aus (MV) Jute(O)	3.2±0.3 3.5±0.35	54 75	4 7	15 26	3 6	- -	- -	- -	- -
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	16	8	-	1.0	-	-
	Rabi	Mustard	1.0±0.1	60	16	24	13	-	-	0.5	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	16	8	-	1.0	-	-
	Rabi	Lentil/ Mustard	1.2±0.1 1.0±0.1	11 60	16 16	12 24	5 13	- -	- -	0.5 0.5	- -
	Kharif-1	Jute (0)	3.0±0.3	75	7	26	6	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	16	8	-	1.0	-	-
	Rabi	Lentil/ Mustard	1.2±0.1 1.0±0.1	11 60	16 16	12 24	5 13	- -	- -	0.5 0.5	- -
	Kharif-1	Kaon	2.0±0.2	38	12	13	3	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	16	8	-	1.0	-	-
	Rabi	Lentil/ Mustard	1.2±0.1 1.0±0.1	11 60	16 16	12 24	5 13	- -	- -	0.5 0.5	- -
	Kharif	B.Aus (LIV)	2.5±0.3	30	4	10	3	-	-	-	-
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-1	T.Aus (LIV)	2.5±0.3	30	8	12	5	-	-	-	-
	Kharif-2	T.Aman (LIV)	2.8±0.3	45	5	16	8	-	1.0	-	-
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-1	Jute (C)/ B.Aus (LIV)	2.8±0.3 2.5±0.3	42 30	10 8	20 10	8 3	- -	- -	- -	- -
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	16	8	-	1.0	-	-

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)							
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo
Irrigated											
	Rabi	Boro (MV)	6.0±0.6	120	18	36	10	-	1.0	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)/	4.0±0.4	66	5	18	8	-	1.0	-	-
		T.Aman (LIV)	3.0±0.3	45	5	16	8	-	1.0	-	-
	Rabi	Wheat	3.5±0.35	90	20	38	5	1.2	-	1.0	-
	Kharif-1	Jute (O)	3.5±0.35	75	7	20	6	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	66	5	18	8	-	1.0	-	-
	Rabi	Potato	25.0±2.5	96	20	48	10	2	1.5	1.0	-
	Kharif-1	Jute (O)/	3.5±0.35	75	7	20	6	-	-	-	-
		T.Aus (MV)	3.2±0.3	54	4	12	5	-	-	-	-
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	5	13	8	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	66	5	15	8	-	1.0	-	-
	Rabi	Mustard	1.2±0.1	54	15	24	10	-	-	1.0	-
		Boro (MV)	4.8±0.5	96	7	27	8	-	1.0	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	16	8	-	1.0	-	-
		T.Aman(HYV)	4.0±0.4	66	5	18	8	-	1.0	-	-
Rainfed											
Land type: Medium lowland O.M.: Low pH: 5.4-7.5 Texture: K-bearing minerals:	Rabi	Boro (MV)	4.1±0.4	58	10	20	6	-	1.0	-	-
	Kharif	DWT.Aman	2.5±0.3	3.0	6	10	5	-	-	-	-
	Rabi	Boro (MV)	4.1±0.4	58	10	20	6	-	1.0	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)/	3.0±0.3	38	5	16	8	-	1.0	-	-
		T.Aman (MV)	3.2±0.4	42	4	11	6	-	1.0	-	-
	Rabi	Wheat	2.5±0.25	38	13	18	3	-	-	0.5	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)/	3.0±0.3	38	5	16	8	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	56	6	18	8	-	1.0	-	-
	Rabi	Wheat	2.5±0.25	38	13	18	3	-	-	0.5	-
	Kharif-1	Jute (C)/	2.8±0.3	35	5	18	4	-	-	-	-
		B.Aus (LIV)	2.5±0.25	26	4	10	3	-	-	-	-
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-
	Rabi	Wheat	2.5±0.25	38	13	18	3	-	-	0.5	-
	Kharif	B.Aman (LIV)	2.3±0.3	3.0	6	10	5	-	-	-	-
	Rabi	Potato	20.0±2.0	58	14	34	7	1.5	1.0	0.5	-
	Kharif	B.Aman (LIV)	2.3±0.3	3.0	6	10	5	-	-	-	-
	Rabi	Sweet Potato	24±2.4	44	22	28	10	3	1.0	0.5	-
	Kharif-1	Jute (C)	2.8±0.3	35	5	16	4	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	38	5	13	8	-	-	-	-
	Rabi	Mustard	1.0±0.1	54	17	23	12	-	1.0	0.5	-
	Kharif-1	Jute (C)	2.8±0.3	35	6	18	4	-	-	-	-
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-
	Rabi	Mustard	1.0±0.1	54	17	23	12	-	1.0	0.5	-
	Kharif	Boro (MV)	4.1±0.4	58	6	20	6	-	1.0	-	-
		Fallow	-	-	-	-	-	-	-	-	-
	Rabi	Grasspea	1.2±0.1	16	12	10	4	-	-	0.5	-
Kharif-1	Jute (C)	2.8±0.3	35	6	18	4	-	1.0	-	-	
Kharif-2	B.Aman (LIV)	2.5±0.3	30	6	10	5	-	-	-	-	

AEZ 9: OLD BRAHMAPUTRA FLOODPLAIN

LAND TYPES

Highland	— 28%
Medium Highland	— 35%
Medium Lowland	— 20%
Lowland	— 7%
Homestead + Water	— 10%

LOCATION AND EXTENTS:

Large areas in Sherpur, Jamalpur, Tangail, Mymensingh, Netrokona, Kshoreganj, Narsingdi and Narayanganj districts. Small areas in the east of Dhaka and Gazipur districts.
7230 km² (723037 ha)

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)								
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo	
Land Type:	Rainfed											
Highland	Rabi	Wheat	2.5±0.25	45	10	30	3	-	-	0.5	-	
O.M. Low	Kharif-I	B.Aus (L)/	2.5±0.3	30	4	18	2	-	-	-	-	
pH: 5.1-5.6		Jute(0)	3.5±0.35	75	6	42	5	-	-	-	-	
Texture: Silt	Kharif-2	T.Aman (LIV)	3.0±0.3	45	3	25	6	-	1.0	-	-	
Loam	Rabi	Wheat	2.5±0.25	45	10	30	3	-	-	0.5	-	
K-bearing	Kharif-1	Jute (C)	2.8±0.3	42	4	29	3	-	-	-	-	
minerals:	Kharif-2	T.Aman (MV)	4.0±0.4	66	4	29	7	-	1.0	-	-	
Low	Rabi	Potato	20±2.0	68	12	56	6	-	1.0	0.5	-	
	Kharif-1	Jute (C)	2.8±0.3	42	4	22	3	-	-	-	-	
	Kharif-2	T.Aman (MV)	4.0±0.4	66	4	22	7	-	1.0	-	-	
	Rabi	Mustard	1.0±0.1	60	12	40	10	-	-	0.5	-	
	Kharif-1	Jute(C)	2.8±0.3	42	4	29	3	-	-	-	-	
	Kharif-2	T.Aman(LIV)/	3.0±0.3	45	3	25	6	-	1.0	-	-	
		T.Aman(MV)	4.0±0.4	66	4	29	7	-	1.0	-	-	
	Rabi	Lentil	1.5±0.15	15	18	25	10	-	-	0.5	-	
	Kharif-1	B.Aus (L)/	2.5±0.2	30	4	18	2	-	-	-	-	
		Jute (0)	3.0±0.3	75	6	42	5	-	1.5	-	-	
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
	Rabi	Chickpea	2.0±0.2	15	18	25	10	-	0.8	0.5	0.5	
	Kharif-I	Jute(C)	2.8±0.3	42	4	29	3	-	-	-	-	
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
	Rabi	Onion/	10.0±1.0	65	22	72	14	-	1.5	0.5	-	
		Garlic	7.0±0.7	65	22	72	14	-	1.5	0.5	-	
	Kharif-1	B.Aus (LIV)/	2.5±0.3	30	4	14	2	-	-	-	-	
		Jute (0)	3.5±0.35	75	6	31	5	-	-	-	-	
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
	Rabi	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-1	Jute (C)	2.8±0.3	42	8	29	3	-	-	-	-	
	Kharif-2	T.Aman (MV)	4.0±0.4	66	4	29	7	-	1.0	-	-	
	Rabi	Sugarcane	60.0±6	100	25	55	15	-	2	-	-	

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)							
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo
Irrigated											
	Rabi	Boro (MV)	6.0±0.6	120	14	58	8	-	1.0	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	66	4	29	6	-	1.0	-	-
	Rabi	Boro (MV)	4.8±0.5	96	10	45	6	-	1.0	-	-
	Kharif-1	GM	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)/ T.Aman (MV)	3.0±0.3 4.0±0.4	34 55	3 4	25 29	6 6	-	1.0 1.0	-	-
	Rabi	Boro (MV)	4.8±0.5	96	10	45	6	-	1.0	-	-
	Kharif-1	T.Aus (MV)	3.2±0.3	54	3	25	4	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	66	4	29	6	-	1.0	-	-
	Rabi	Mustard (LIV)/ Boro (MV)	1.2±0.1 4.8±0.5	54 96	12 6	38 40	8 6	-	- 1.0	1.0	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)/ T.Aman (LIV)	4.0±0.4 3.0±0.3	66 45	4 3	29 25	6 6	-	1.0 1.0	-	-
	Rabi	Wheat	3.5±0.35	90	16	63	4	-	-	1.0	-
	Kharif-1	Jute (C) T.Aus (MV)	2.8±0.3 3.2±0.3	42 54	4 3	29 25	3 4	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	66	4	29	6	-	1.0	-	-
	Rabi	Potato	25±2.5	96	16	80	8	-	1.5	1.0	-
	Kharif-1	Jute (C)	2.8±0.3	42	4	22	3	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	66	4	22	6	-	1.0	-	-
	Rabi	Cabbage/ Cauliflower	80±8.0 28±2.8	126 84	50 30	35 75	16 10	-	2.0 1.0	0.5 1.0	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	66	4	22	6	-	1.0	-	-
Land Type: Medium Highland O.M:Medium pH: 5.1-5.6 Texture Loam K-bearing minerals: Low	Rainfed										
	Rabi	Wheat	2.5±0.25	45	10	30	3	-	-	0.5	-
	Kharif-1	Jute (C)	2.8±0.3	42	4	29	3	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	3	25	5	-	1.0	-	-
	Rabi	Potato	20±2.0	68	12	56	6	-	1.0	0.5	-
	Kharif-1	Jute (C)	2.8±0.3	42	4	22	3	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	66	4	22	7	-	1.0	-	-
	Rabi	Mustard	1.0±0.1	60	12	40	10	-	-	0.5	-
	Kharif-1	T.Aus (MV)	2.8±0.3	36	3	18	4	-	-	-	-
	Kharif-2	T.Aman (LIV)/ T.Aman (MV)	3.0±0.5 4.0±0.4	45 66	3 4	25 29	6 7	-	1.0 1.0	-	-
	Rabi	Mustard	1.0±0.1	60	12	40	10	-	-	0.5	-
	Kharif-1	Ladies finger/ Jute (C)	8.0±0.8 2.8±0.3	46 42	6 4	38 22	8 3	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	66	4	29	7	-	1.0	-	-
	Rabi	Lentil	1.5±0.5	15	18	25	10	-	-	0.5	-
	Kharif-1	T.Aus (MV)	3.2±0.3	54	3	25	4	-	-	-	-
	Kharif-2	T.Aman (LIV)/ T.Aman (MV)	3.0±0.3 4.0±0.4	45 66	3 4	25 29	6 7	-	1.0 1.0	-	-
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-1	B.Aus (L)/ Jute (C)	2.5±0.3 2.8±0.3	30 42	6 8	18 29	2 3	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	66	4	29	7	-	1.0	-	-

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)								
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo	
Land type: Medium Lowland O.M: Medium pH: 5.1-5-6 Texture: Clayey K- bearing Minerals: Medium	Irrigated											
	Rabi	Boro (MV)	6.0±0.6	120	14	58	8	-	1.0	-	-	
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-2	T.Aman (MV)	4.0±0.4	66	4	29	6	-	1.0	-	-	
	Rabi	Boro (MV)	4.8±0.5	96	10	45	6	-	1.0	-	-	
	Kharif-1	GM	-	-	-	-	-	-	-	-	-	
	Kharif-2	T.Aman (MV)/	4.0±0.4	55	4	29	6	-	1.0	-	-	
		T.Aman (LIV)	3.0±0.3	34	3	25	6	-	1.0	-	-	
	Rabi	Wheat	3.5±0.35	90	16	63	4	-	-	1.0	-	
	Kharif-1	Jute (C)/	2.8±0.3	42	4	29	3	-	-	-	-	
		T.Aus (MV)	3.2±0.3	54	3	25	4	-	1.0	-	-	
	Kharif-2	T.Aman (MV)	4.0±0.4	66	4	29	6	-	1.0	-	-	
	Rabi	Potato	2.5±2.5	96	16	80	8	-	1.5	1.0	-	
		Boro (MV)/	4.8±0.5	96	6	29	6	-	1.0	-	-	
	Kharif-1	Jute(C)	2.8±0.3	42	4	22	3	-	-	-	-	
	Kharif-2	T.Aman (MV)	4.0±0.4	66	4	22	6	-	1.0	-	-	
	Rabi	Mustard	1.2±0.1	54	12	38	8	-	-	1.0	-	
		Boro (MV)/	4.8±0.5	96	6	40	6	-	1.0	-	-	
	Kharif-1	T.Aus (MV)	3.2±0.3	54	3	25	4	-	1.0	-	-	
	Kharif-2	T.Aman (MV)	4.0±0.4	66	4	29	7	-	1.0	-	-	
		Rainfed										
	Rabi	Boro (LIV)	2.8±0.3	48	6	26	4	-	1.0	-	-	
	Kharif-2	B.Aman (LIV)	2.5±0.3	25	4	20	4	-	-	-	-	
	Rabi	Boro (LIV)	2.8±0.3	48	6	26	4	-	0.5	-	-	
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	3	25	6	-	0.5	-	-	
	Rabi	Wheat	2.5±0.25	45	10	30	3	-	-	1.0	-	
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-2	T.Aman (MV)	3.2±0.3	42	3	18	4	-	1.0	-	-	
	Rabi	Potato	20.0±2.0	68	12	56	6	-	1.0	0.5	-	
	Kharif-2	B.Aman (LIV)	2.5±0.3	25	4	20	4	-	-	-	-	
	Rabi	Mustard	1.0±0.1	60	12	40	10	-	-	0.5	-	
	Kharif-1	Jute (C)	2.8±0.3	42	4	29	3	-	-	-	-	
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
	Rabi	Grasspea	1.2±0.1	12	6	10	4	-	-	0.5	-	
	Kharif	B.Aus+B.Aman(L)	2.5±0.3	25	5	20	4	-	-	-	-	
	Rabi	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-1	Jute(C)	2.8±0.3	42	8	29	3	-	-	-	-	
	Kharif-2	T.Aman (MV)	4.0±0.4	66	4	29	7	-	1.0	-	-	
		Irrigated										
Rabi	Mustard	1.2±0.1	54	12	38	8	-	-	1.0	-		
	Boro (MV)	4.8±0.5	96	6	40	6	-	1.0	-	-		
Rabi	Boro (MV)	4.8±0.5	96	10	45	6	-	1.0	-	-		
Kharif-1	Fallow	-	-	-	-	-	-	-	-	-		
Kharif-2	T.Aman (MV)	4.0±0.4	66	4	29	7	-	1.0	-	-		

AEZ 10: ACTIVE GANGES FLOODPLAIN

LAND TYPES

Highland	— 12%
Medium Highland	— 33%
Medium Lowland	— 18%
Lowland	— 4%
Homestead + Water	— 33%

LOCATION AND EXTENTS:

The region extends along the Ganges and lower Meghna river Channels from the Indian border Nowabganj and Rajshahi District to the mouth of Meghna Estuary in Lakshmipur and Barisal districts 3334 km² (333447 ha)

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)								
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo	
Land Type:	Rainfed											
Highland	Rabi	Wheat	2.5±0.25	38	10	18	5	-	1.0	-	-	
O.M: Low	Kharif-1	B.Aus (LIV)/	2.5±0.25	25	4	9	3	-	-	-	-	
pH: 6.5-7.5		Jute (0)	3.5±0.35	63	7	26	5	-	1.0	-	-	
Texture:	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
Loamy	Rabi	Lentil /	1.5±0.15	13	18	16	10	-	1.0	0.5	-	
K-bearing	Kharif-I	Chickpea	2.0±0.2	13	18	16	10	-	1.0	0.5	0.5	
minerals:		B.Aus (LIV)/	2.5±0.25	25	4	9	4	-	-	-	-	
Medium	Kharif-2	Jute(0)	3.0±0.3	63	7	26	5	-	1.0	-	-	
		Fallow	-	-	-	-	-	-	-	-	-	
	Rabi	Onion/	10.0±0.10	54	22	43	14	-	1.5	0.5	-	
	Kharif-1	Garlic	7.0±0.7	54	30	43	14	-	1.5	0.5	-	
		B.Aus (LIV)	2.5±0.25	25	4	8	3	-	-	-	-	
	Kharif-2	Jute (0)	3.5±0.35	63	7	20	5	-	-	-	-	
		Fallow	-	-	-	-	-	-	-	-	-	
Land Type:	Rainfed											
Medium	Rabi	Blackgram/	1.0±0.1	10	9	8	2	-	1.0	-	-	
Highland	Kharif-1	Wheat	2.5±0.25	38	10	18	5	-	1.0	0.5	-	
O.M: Low		B.Aus (LIV)	2.5±0.3	25	4	9	3	-	-	-	-	
pH:6.9-7.9	Kharif-2	Jute (0)	3.5±0.35	63	7	26	5	-	1.0	-	-	
Texture:		Fallow/	-	-	-	-	-	-	-	-	-	
Loamy	Kharif-2	T.Aman(LIV)	3.0±0.3	37	4	15	6	-	1.0	-	-	
K-bearing		Rabi	Mustard/	1.0±0.1	50	12	24	14	-	1.0	1.5	-
minerals:	Kharif-1	Onion	10.0±1.0	54	22	34	14	-	1.5	-	-	
Medium		B.Aus	2.5±0.25	25	4	9	3	-	-	-	-	
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
	Rabi	Lentil	1.5±0.15	13	18	16	10	-	-	0.5	-	
	Kharif-1	B.Aus (L)	2.5±0.25	25	4	9	3	-	-	-	-	
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
	Rabi	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-1	B.Aus(LIV)	2.5±0.25	25	6	12	5	-	-	-	-	
	Kharif-2	Blackgram	1.0±0.1	10	9	8	-	-	1.0	-	-	
	Rabi	Onion/	10.0±1.0	54	22	43	14	-	1.0	0.5	-	
		Garlic	7.0±0.7	54	22	43	14	-	1.0	0.5	-	
	Kharif-1	B.Aus (LIV)	2.5±0.25	25	4	8	3	-	-	-	-	
		Jute(0)	3.5±0.35	63	7	20	5	-	-	-	-	
	Kharif-2	T.Aman (LIV)	3.0±0.3	38	4	12	6	-	1.0	-	-	

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)								
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo	
	Irrigated											
	Rabi	Wheat	3.5±0.35	75	16	38	4	-	-	0.5	-	
	Kharif-1	Jute (C)	2.8±0.3	35	45	18	3	-	-	-	-	
	Kharif-2	T.aman (MV)	4.0±0.4	55	5	18	6	-	1.0	-	-	
	Rabi	Mustard	1.2±0.12	45	12	23	8	-	-	0.5	-	
		Boro (MV)/	4.8±0.5	80	7	24	6	-	1.0	-	-	
	Kharif-1	T.Aus (MV)	3.2±0.3	45	4	15	4	-	0.5	-	-	
	Kharif-2	Fallow/										
		T.Aman (MV)	4.0±0.4	55	5	18	6	-	1.0	-	-	
Land Type: Medium Lowland O.M: Medium pH 6.9-7.9 Texture: Clayey K-bearing minerals: High	Rainfed											
	Rabi	Wheat	2.5±0.25	38	10	18	5	-	1.0	-	-	
	Kharif-1	B.Aus (L)/	2.5±0.25	25	4	9	3	-	-	-	-	
		Jute (C)	2.8±0.3	35	5	18	3	-	-	-	-	
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
	Rabi	Potato	20.0±2.0	68	12	56	6	-	1.5	-	-	
	Kharif	Jute (C)/	2.8±0.3	35	35	13	3	-	-	-	-	
		B.Aman (LIV)	2.5±0.3	30	5	12	4	-	-	-	-	
	Rabi	Groundnut	2.0±0.2	28	20	27	14	-	1.0	-	-	
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-2	Blackgram	1.0±0.1	10	5	7	4	-	-	-	-	
	Rabi	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-1	B.Aman (LIV)	2.5±0.3	30	5	12	4	-	-	-	-	
	Kharif-2	-	-	-	-	-	-	-	-	-	-	
	Irrigated											
	Rabi	Boro (MV)	4.8±0.5	80	10	27	6	-	1.0	-	-	
	Kharif	B.Aman (LIV)	2.5±0.3	30	5	12	4	-	-	-	-	

AEZ 11: HIGH GANGES RIVER FLOODPLAIN

LAND TYPES

Highland	— 43%
Medium Highland	— 32%
Medium Lowland	— 12%
Lowland	— 2%
Homestead + Water	— 11%

LOCATION AND EXTENTS:

Nawabganj, Rajshahi, southern Pabna, Kushtia, Meherpur, Chuadanga, Jhenaida, Magura, Jessore, Satkhira and Khulna district together with minor areas in Noagaon and Narail district
13205 km² (1320549 ha)

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)								
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo	
Land Type: Highland	Rainfed											
O.M. Low pH: 6.1-7.5 Texture: Sandy Loam K-bearing minerals: Medium	Rabi	Sugarcane	80.0±8.0	120	40	72	27	-	3.0	-	-	
	Rabi	Wheat	2.5±0.25	45	10	18	3	-	0.5	0.5	-	
	Kharif-1	B.Aus (LIV)/ Jute(0)	2.5±0.25	30	4	10	2	-	-	-	-	
	Kharif-2	Fallow/ T.aman (LIV)	3.5±0.35	75	7	26	7	-	1.0	-	-	
			-	-	-	-	-	-	-	-	-	
	Rabi	Wheat	3.0±0.3	45	5	15	6	-	1.0	-	-	
	Rabi	Wheat	2.5±0.25	45	10	18	3	-	0.5	0.5	-	
	Kharif-1	Mungbean	1.2±0.1	15	18	14	5	-	-	1.0	0.5	
	Kharif-2	T.Aman (MV)	4.0±0.4	66	6	18	7	-	1.0	-	-	
	Rabi	Wheat	2.5±0.2	45	10	18	3	-	0.5	0.5	-	
	Kharif-1	Lady's finger	8.0±0.8	45	12	15	3	-	-	-	-	
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	15	6	-	1.0	-	-	
	Rabi	Wheat	2.5±0.25	45	10	18	3	-	0.5	0.5	-	
	Kharif-1	GM	-	-	-	-	-	-	-	-	-	
	Kharif-2	T.Aman (MV)	4.0±0.4	40	6	18	7	-	1.0	-	-	
	Rabi	Wheat	2.5±0.25	45	10	18	3	-	0.5	0.5	-	
	Kharif-1	T.Aus (MV)	3.5±0.4	54	4	16	4	-	1.0	-	-	
	Kharif-2	Blackgram	1.0±0.15	12	8	7	3	-	-	-	-	
	Rabi	Wheat	2.5±0.25	45	10	18	3	-	0.5	0.5	-	
	Kharif-1	Jute(O)	3.5±0.35	75	7	26	7	-	1.0	-	-	
	Kharif-2	Blackgram	1.0±0.15	12	8	7	3	-	-	-	-	
	Rabi	Potato	20±0.2	68	12	34	8	-	1.5	0.5	-	
	Kharif-1	T.Aus (MV)	3.2±0.3	54	4	10	4	-	1.0	-	-	
	Kharif-2	Blackgram	1.0±0.1	12	8	4	3	-	-	-	-	
	Rabi	Mustard/ Groundnut	1.0±0.1	60	12	24	10	-	1.0	0.5	-	
			2.0±0.2	33	20	27	14	-	1.0	-	-	
	Kharif-1	Jute (0)/ B.Aus (LIV)	3.5±0.35	75	7	26	7	-	1.0	-	-	
	Kharif-2	Fallow	2.5±0.25	30	4	10	2	-	-	-	-	
			-	-	-	-	-	-	-	-	-	
	Rabi	Mustard	1.0±0.1	60	12	24	10	-	1.0	0.5	-	
	Kharif-1	Jute (O)	3.5±0.35	75	7	26	7	-	1.0	-	-	
	Kharif-2	Mungbean	1.2±0.1	15	18	14	5	-	-	1.0	0.5	
	Rabi	Lentil	1.5±0.15	15	18	15	5	-	1.0	0.5	0.5	
		Chickpea/	1.5±0.5	15	18	15	5	-	1.0	0.5	0.5	
	Kharif-1	B.Aus/ Jute (0)	2.5±0.35	30	4	10	2	-	-	-	-	
			3.5±0.35	75	7	26	7	-	1.0	-	-	
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
	Rabi	Lentil	1.5±0.1	15	18	15	5	-	1.0	0.5	-	
	Kharif-1	Fallow/ Jute (0)	-	-	-	-	-	-	-	-	-	
			3.5±0.35	75	7	26	7	-	1.0	-	-	

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)								
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo	
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	5	15	6	-	1.0	-	-	
		T.Aman (MV)	4.0±0.4	66	6	18	7	-	1.0	-	-	
	Rabi	Lentil	1.5±0.1	15	18	15	5	-	1.0	0.5	-	
	Kharif-1	Banana	25±3.0	135	20	66	32	-	1.0	-	-	
	Kharif-2	Fallow										
	Rabi	Cabbage/	52±5.0	40	36	15	12	-	1.5	0.5	0.2	
		Cauliflower	20±2.0	60	22	32	7	-	1.0	0.5	-	
	Kharif-1	Jute(0)/	3.5±0.35	75	7	20	5	-	1.0	-	-	
		B.Aus(L)	2.5±0.3	30	4	10	2	-	-	-	-	
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
	Rabi	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-1	B.Aus (LIV)/	2.5±0.25	30	6	12	4	-	-	-	-	
		Jute (0)	3.5±0.5	75	10	30	10	-	1.0	-	-	
	Kharif-2	Cotton	2.0±0.2	80	16	35	8	-	1	-	-	
	Rabi	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-1	Jute(0)/	3.5±0.35	75	10	30	10	-	1.0	-	-	
		B.Aus(L)	2.5±0.5	30	6	12	4	-	-	-	-	
	Kharif-2	Blackgram/	1.2±0.1	12	8	7	3	-	-	-	-	
		Mungbean	1.0±0.1	15	18	14	5	-	-	-	-	
	Irrigated											
	Rabi	Boro (MV)	6.0±0.6	120	14	36	8	-	1.0	-	-	
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-2	T.Aman (MV)	4.0±0.4	66	5	18	6	-	0.5	-	-	
	Rabi	Boro (MV)	4.8±0.5	95	10	27	7	-	1.0	-	-	
	Kharif-1	GM	-	-	-	-	-	-	-	-	-	
	Kharif-2	T.Aman (MV)	4.0±0.4	40	5	18	6	-	0.5	-	-	
	Rabi	Wheat	3.5±0.35	90	16	38	4	-	-	1.0	-	
	Kharif-1	T.Aus (MV)	3.2±0.3	54	4	15	5	-	1.0	-	-	
	Kharif-2	Mungbean	1.0±0.1	15	18	14	5	-	-	-	-	
	Rabi	Wheat	3.5±0.35	90	16	38	4	-	-	1.0	-	
	Kharif-1	Jute (O)/	3.5±0.35	75	7	26	7	-	-	-	-	
		B.Aus(LIV)/	2.5±0.3	30	4	10	2	-	-	-	-	
		Mungbean	1.0±0.1	15	18	14	5	-	-	-	-	
	Kharif-2	T.Aman(LIV)	3.0±0.3	45	5	15	6	-	1.0	-	-	
	Rabi	Wheat	3.5±0.35	90	16	38	4	-	-	1.0	-	
	Kharif-1	T.Aus (MV)	3.2±0.3	54	4	15	5	-	1.0	-	-	
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
	Rabi	Wheat/	3.5±0.35	90	16	38	4	-	-	1.0	-	
		Onion	16.0±1.6	90	30	60	20	-	-	1.0	-	
	Kharif-1	T.Aus (MV)	3.2±0.3	54	4	15	5	-	1.0	-	-	
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	5	15	6	-	0.5	-	-	
		T.Aman (MV)	4.0±0.4	66	6	16	7	-	1.0	-	-	
	Rabi	Potato	25.0±3	96	16	48	8	-	1.0	1.0	-	
	Kharif-1	T.Aus (MV)	3.2±0.3	54	4	11	5	-	0.5	-	-	
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
	Rabi	Potato	25±2.5	96	16	48	8	-	1.0	1.0	-	
	Kharif-1	Maize	5.0±0.5	105	15	25	14	-	-	-	-	
	Kharif-2	T.Aman(LIV)	3.0±0.3	45	5	11	6	-	1.0	-	-	
	Rabi	Potato	25±2.5	96	16	48	8	-	1.0	1.0	-	
	Kharif-1	Fallow										
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	11	6	-	1.0	-	-	

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)							
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo
	Rabi	Potato	25±2.5	96	16	38	8	-	1.0	1.0	-
	Kharif-1	Jute (O)	3.5±0.35	75	7	20	5	-	-	-	-
	Kharif-2	Mungbean	1.0±0.1	15	18	10	10	-	-	-	-
	Rabi	Mustard	1.6±0.16	84	18	33	10	-	0.5	1.0	-
	Kharif-1	Jute (O)	3.0±0.35	75	7	26	7	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	15	6	-	1.0	-	-
	Rabi	Tomato	64.0±6.4	84	20	27	8	-	1.0	1.0	0.5
	Kharif-1	T.Aus (MV)	3.2±0.3	54	4	11	4	-	1.0	-	-
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-
	Rabi	Sugarcane	100.0±10	150	50	90	34	-	3.5	-	-
	Rabi	Sugarcane + Onion	100.0±10 8.0±0.8	150 75	50 30	90 75	34 30	-	3.5	-	-
	Rabi	Sugarcane + Potato	100.0±10 10.0±1	150 70	50 15	90 60	34	-	3.5	-	-
	Rabi	Sugarcane + Lentil/Mungbean	100.0±10 0.5±0.1	150 10	50 12	90 8	34	-	3.5	-	-
Land type: Medium Highland O.M: Low pH: 6.1-7.9 Texture: Loamy K-bearing minerals: Medium	Rainfed										
	Rabi	Wheat	2.5±0.25	45	10	18	3	-	0.5	0.5	-
	Kharif-1	Jute (O)/ B.Aus (LIV)	3.5±0.35 2.5±0.25	75 30	7 4	26 10	7 2	-	-	-	-
	Kharif-2	T.Aman (LIV)/ T.Aman (MV)	3.0±0.3 4.0±0.4	45 66	5 6	15 18	6 7	-	1.0 1.0	-	-
	Rabi	Wheat	2.5±0.25	45	10	18	3	-	0.5	1.0	-
	Kharif-I	Mungbean	1.2±0.1	15	18	14	5	-	-	0.5	0.5
	Kharif-2	T.Aman (MV)	4.0±0.4	66	6	18	7	-	1.0	-	-
	Rabi	Mustard	1.0±0.1	60	12	24	10	-	1.0	0.5	-
	Kharif-1	Jute (O)/ B.Aus (LIV)	3.5±0.35 2.5±0.25	75 30	7 4	26 10	7 2	-	-	-	-
	Kharif-2	T.Aman (LIV)/ T.Aman (MV)	3.0±0.3 4.0±0.4	45 66	5 6	15 18	6 7	-	1.0 1.0	-	-
	Rabi	Chickpea/ Grasspea	1.5±0.15 1.2±0.1	15 12	18 6	15 7	5 4	-	0.5	0.5	-
	Kharif-1	B.Aus (LIV)/ Jute(O)	2.5±0.25 3.5±0.35	30 75	4 7	10 26	2 7	-	-	-	-
	Kharif-2	T.Aman (LIV)/ T.Aman (MV)	3.0±0.3 4.0±0.4	45 66	5 6	15 18	6 7	-	1.0 1.0	-	-
	Rabi	Lentil	1.5±0.15	15	18	15	5	-	1.0	0.5	0.5
	Kharif-1	B.Aus (LIV)/ Jute(O)	2.5±0.25 3.5±0.35	30 75	4 7	10 26	2 7	-	-	-	-
	Kharif-2	T.Aman (LIV)/ T.Aman (MV)	3.0±0.3 4.0±0.4	45 60	5 6	15 18	6 7	-	1.0 1.0	-	-
	Rabi	Onion	10±1.0	65	22	44	14	-	1.0	0.5	-
	Kharif-1	Sesame	1.0±0.1	54	9	11	5	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	66	6	13	6	-	1.0	-	-
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-1	B.Aus (LIV)/ Jute (O)	2.5±0.25 3.5±0.35	30 75	6 10	12 30	4 10	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	15	6	-	1.0	-	-
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-1	Jute (O)	3.5±0.35	75	10	30	5	-	-	-	-
	Kharif-1	T.Aus (MV)	3.2±0.3	54	6	17	4	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	66	6	18	7	-	1.0	-	-

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)							
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo
Irrigated											
Rabi	Boro (MV)	6.0±0.6	120	14	36	8	-	1.0	-	-	-
Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	-
Kharif-2	T.Aman (MV)	4.0±0.4	66	5	18	6	-	0.5	-	-	-
Rabi	Boro (MV)	4.8±0.5	96	10	27	7	-	1.0	-	-	-
Kharif-1	GM	-	-	-	-	-	-	-	-	-	-
Kharif-2	T.Aman (MV)	4.0±0.4	40	5	18	6	-	0.5	-	-	-
Rabi	Boro (MV)	4.8±0.5	96	10	27	7	-	1.0	-	-	-
Kharif-1	T.Aus (MV)	3.5±0.4	54	4	15	5	-	-	-	-	-
Kharif-2	T.Aman (MV)	4.0±0.4	66	5	18	6	-	1.0	-	-	-
Rabi	Wheat	3.5±0.35	90	16	38	4	-	1.0	1.0	-	-
Kharif-1	Fallow/	-	-	-	-	-	-	-	-	-	-
	T.Aus (MV)	3.2±0.3	54	4	15	5	-	-	-	-	-
Kharif-2	T.Aman (MV)	4.0±0.4	66	5	18	6	-	1.0	-	-	-
Rabi	Wheat	3.5±0.35	90	16	38	8	-	-	1.0	-	-
Kharif-1	GM	-	-	-	-	-	-	-	-	-	-
Kharif-2	T.Aman (MV)	4.0±0.4	40	5	18	6	-	1.0	-	-	-
Rabi	Wheat	3.5±0.35	90	16	38	4	-	1.0	1.0	-	-
Kharif-1	Mungbean	1.0±0.1	15	18	14	5	-	-	-	0.5	-
Kharif-2	T.Aman (MV)	4.0±0.4	66	5	18	6	-	1.0	-	-	-
Rabi	Wheat	3.5±0.35	90	16	38	4	-	1.0	1.0	-	-
Kharif-1	Blackgram/	1.2±0.1	12	8	7	3	-	-	-	0.5	-
	Jute(0)	3.5±0.35	75	7	26	7	-	1.0	-	-	-
Kharif-2	T.Aman (MV)	4.0±0.4	66	5	18	6	-	1.0	-	-	-
Rabi	Wheat/	3.5±0.35	90	16	38	4	-	1.0	1.0	-	-
Rabi	Mustard	1.6±0.16	84	18	33	14	-	1.0	1.0	-	-
Kharif-1	Lady's finger	12±1.2	63	16	21	5	-	-	-	-	-
Kharif-2	T.Aman (MV)	4.0±0.4	66	5	14	6	-	1.0	-	-	-
Rabi	Maize	8.0±0.8	195	36	57	24	-	2.0	1.0	-	-
Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	-
Kharif-2	T.Aman (MV)	4.0±0.4	66	5	14	6	-	1.0	-	-	-
Rabi	Maize	8.0±0.8	195	36	57	24	-	2.0	1.0	-	-
Kharif-1	GM	-	-	-	-	-	-	-	-	-	-
Kharif-2	T.Aman (MV)	4.0±0.4	40	5	14	6	-	1.0	-	-	-
Rabi	Potato	25.0±2.5	96	16	48	8	-	1.5	1.0	-	-
Kharif-1	T.Aus (MV)/	3.2±0.3	54	4	11	5	-	-	-	-	-
	Jute(0)	3.5±0.35	75	7	20	5	-	-	-	-	-
Kharif-2	T.Aman (MV)	4.0±0.4	66	5	14	6	-	1.0	-	-	-
Rabi	Potato	25±2.5	96	16	48	8	-	1.5	1.0	-	-
Kharif-1	GM	-	-	-	-	-	-	-	-	-	-
Kharif-2	T.Aman (MV)	4.0±0.4	40	5	14	6	-	1.0	-	-	-
Rabi	Mustard (LIV)	1.6±0.1	84	18	33	14	-	1.0	1.0	-	-
Kharif-1	Jute (0)	3.5±0.35	75	7	26	7	-	-	-	-	-
	T.Aus (MV)	3.2±0.4	54	4	15	5	-	1.0	-	-	-
Kharif-2	T.Aman (MV)	4.0±0.4	66	5	18	6	-	1.0	-	-	-
Rabi	Onion	16±1.6	90	30	60	20	-	1.0	1.0	-	-
Kharif-1	T.Aus (MV)/	3.2±0.3	54	4	11	5	-	1.0	-	-	-
	Jute (0)	3.5±0.35	75	7	20	5	-	1.0	-	-	-
Kharif-2	T.Aman (MV)	4.0±0.4	66	5	14	6	-	1.0	-	-	-
Rabi	Onion/	16±2.0	90	30	60	20	-	1.0	-	-	-
	Garlic	10.0±1.0	90	30	60	20	-	1.0	-	-	-
Kharif-1	Sesame	1.0±0.1	54	7	8	5	-	-	-	-	-
Kharif-2	T.Aman (MV)	4.0±0.4	66	5	14	6	-	1.0	-	-	-
Rabi	Tomato	64±6.4	84	20	27	8	-	1.0	1.0	-	-
Kharif-1	T.Aus (MV)	3.2±0.3	54	4	11	5	-	-	-	-	-

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)							
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo
Land type: Medium Lowland O.M: Medium pH 6.1-7.9 texture : Clayey K-bearing minerals: High	Kharif-2	T.Aman (MV)	4.0±0.4	66	5	14	6	-	1.0	-	-
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-1	T.Aus (MV)/ Jute (O)	2.8±0.3 3.5±0.35	36 75	6 10	8 30	4 10	-	1.0	-	-
	Kharif-2	T.Aman (LIV)/ T.Aman (MV)	3.0±0.3 4.0±0.4	45 66	5 6	15 18	6 6	-	1.0	-	-
	Rainfed										
	Rabi	Grasspea	1.2±0.1	10	6	7	-	-	-	0.5	-
	Kharif	B.Aus+B.Aman	2.8±0.3	35	5	15	5	-	1.0	-	-
	Rabi	Grasspea	1.2±0.1	10	6	7	4	-	-	0.5	-
		Mustard	1.0±0.1	50	12	24	10	-	1.0	0.5	-
	Kharif	B.Aman	2.5±0.3	30	5	12	4	-	-	-	-
	Rabi	Onion	1.0±0.1	54	22	44	14	-	1.0	0.5	-
	Kharif	B.Aman	2.5±0.3	30	5	12	4	-	-	-	-
	Rabi	Lentil	1.5±0.15	15	18	15	10	-	1.0	1.0	-
	Kharif-1	Sesame	1.0±0.1	45	9	11	5	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	38	5	15	6	-	1.0	-	-
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	38	6	15	6	-	1.0	-	-
	Irrigated										
Rabi	Boro (MV)	4.8±0.5	80	10	27	7	-	1.0	-	-	
Kharif	B.Aman (LIV)	2.5±0.3	30	5	12	4	-	-	-	-	
Rabi	Boro (MV)	4.8±0.5	80	10	27	7	-	1.0	-	-	
Kharif-1	Jute (C)/ T.Aus (LIV)	2.8±0.3 2.8±0.3	35 30	5 4	18 11	6 4	-	1.0	-	-	
Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
Rabi	Boro (MV)	4.8±0.5	80	10	27	7	-	1.0	-	-	
Kharif-1	Lady's finger	12.0±1.2	63	16	21	5	-	1.0	-	-	
Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
Rabi	Boro (MV)	4.8±0.5	80	10	27	7	-	1.0	-	-	
Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
Kharif-2	T.Aman (LIV)	3.0±0.3	38	5	15	6	-	1.0	-	-	
Rainfed											
Rabi	Fallow	-	-	-	-	-	-	-	-	-	
Kharif	B.Aman	2.5±0.5	35	6	15	4	-	-	-	-	
Rabi	Boro (LIV)	4.5±0.5	40	10	25	8	-	1.0	-	-	
Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
Kharif-2	T.Aman (LIV)	3.0±0.3	20	3	11	6	-	1.0	-	-	
Irrigated											
Rabi	Boro (MV)	4.8±0.5	80	10	27	7	-	1.0	-	-	
Kharif	B.Aman	2.5±0.5	35	6	15	4	-	-	-	-	

AEZ 12: LOW GANGES RIVER FLOODPLAIN

LAND TYPES

Highland	— 13%
Medium Highland	— 29%
Medium Lowland	— 31%
Lowland	— 14%
Very lowland	— 2%
Homestead + Water	— 11%

LOCATION AND EXTENTS:

Natore, Pabna, Goalanda, Faridpur, Madaripur, Gopalganj and Sariatpur eastern parts of Kushtia, Magura and Narail, north-eastern parts of Khulna and Bogerhat, northern Barisal, and south-western parts of Manikganj, Dhaka and Mushiganj districts

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)								
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo	
Land Type:	Rainfed											
Highland	Rabi	Sugarcane	80.0±8.0	112	30	52	28	-	3.0	-	-	
O.M: Medium	Rabi	Wheat	2.5±0.25	45	10	12	3	-	0.5	0.5	-	
pH: 6.2-7.7	Kharif-1	B. Aus (LIV)/	2.5±0.25	30	4	7	2	-	-	-	-	
Texture: Silt		Jute (0)	3.5±0.35	75	7	18	5	-	1.0	-	-	
Loam	Kharif-2	Gourd	26±2.6	45	14	18	12	-	-	-	-	
K-bearing	Rabi	Mustard	1.0±0.1	60	12	16	10	-	1.0	0.5	-	
minerals:	Kharif-1	Jute (0)/	3.6±0.35	75	7	18	5	-	-	-	-	
Medium		B.Aus (LIV)	2.5±0.3	30	4	7	2	-	-	-	-	
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	5	10	6	-	1.0	-	-	
		T.Aman (MV)	4.0±0.4	66	5	12	6	-	1.0	-	-	
	Rabi	Mustard	1.0±0.1	60	12	16	10	-	1.0	0.5	-	
	Kharif-1	Sesame	1.0±0.1	54	9	10	5	-	-	-	-	
	Kharif-2	Mungbean	1.0±0.1	15	18	9	5	-	-	0.5	-	
	Rabi	Mustard	1.0±0.1	60	12	16	10	-	1.0	0.5	-	
	Kharif-1	T.Aus (MV)	3.2±0.3	54	4	10	4	-	1.0	-	-	
	Kharif-2	Gourd	26±2.6	45	14	18	12	-	-	-	-	
	Rabi	Lentil	1.5±0.1	15	18	10	5	-	1.0	0.5	-	
	Kharif-I	B.Aus (LIV)/	2.5±0.5	30	4	7	2	-	-	-	-	
		Jute(0)	3.5±0.35	75	5	18	5	-	-	-	-	
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	10	6	-	1.0	-	-	
	Rabi	Lentil	1.5±0.15	15	18	10	5	-	-	-	-	
	Kharif-1	Jute(0)	3.5±0.35	75	7	18	5	-	2	-	-	
	Kharif-2	Gourd	26±2.6	45	14	18	12	-	-	-	-	
	Rabi	Onion/	10±1.0	65	22	28	14	-	1.0	0.5	-	
		Garlic	7±0.7	65	22	28	14	-	1.0	-	-	
	Kharif-1	Jute(0)	3.5±0.35	75	7	13	5	-	1.0	-	-	
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
	Rabi	Brinjal	34±3.4	60	12	14	6	-	1.0	0.5	-	
	Kharif-1	Jute(0)/	3.5±0.35	75	7	13	5	-	1.0	-	-	
		B.Aus(LIV)	25±0.25	30	4	5	2	-	-	-	-	
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
	Irrigated											
	Rabi	Wheat	3.5±0.35	90	16	26	4	-	-	1.0	-	
	Kharif-1	Jute (0)	3.5±0.35	75	7	18	7	-	1.0	-	-	
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	5	8	6	-	1.0	-	-	
		T.Aman (MV)	4.0±0.4	66	6	12	7	-	1.0	-	-	

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)							
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo
	Rabi	Onion	16.0±1.6	90	30	-	20	-	1.0	-	-
	Kharif-1	T. Aus (MV)	32±0.3	54	4	8	7	-	1.0	-	-
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	5	8	6	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	65	6	10	7	-	1.0	-	-
Land Type: Medium Highland O.M: Medium pH: 6.2-7.7 Texture: Silty Loam K-bearing minerals: Medium	Rainfed										
	Rabi	Wheat	2.5±0.25	45	10	12	3	-	0.5	0.5	-
	Kharif-1	Fallow/	-	-	-	-	-	-	-	-	-
		Jute (C)/	2.8±0.3	42	5	12	3	-	1.0	-	-
	Kharif-2	Kaon	2.5±0.25	45	8	9	2	-	-	-	-
		T.Aman(LIV)	3.0±0.3	45	5	8	6	-	1.0	-	-
	Rabi	Wheat	2.5±0.25	45	10	12	3	-	0.5	0.5	-
	Kharif-1	Jute(O)	3.5±0.35	75	7	18	5	-	1.0	-	-
		Blackgram	1.2±0.12	12	8	5	3	-	-	0.5	-
	Rabi	Mustard	1.2±0.1	60	12	16	10	-	1.0	0.5	-
	Kharif-1	Jute(O)/	3.5±0.35	75	7	18	5	-	-	-	-
		Aus (LIV)	2.5±0.25	30	4	7	2	-	1.0	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	8	6	-	1.0	-	-
	Rabi	Mustard	1.0±0.15	60	12	16	5	-	1.0	0.5	-
	Kharif-1	Chilli	1.3±0.13	65	28	22	7	-	1.0	-	-
		Fallow	-	-	-	-	-	-	-	-	-
	Rabi	Lentil	1.5±0.15	15	18	10	5	-	0.5	0.5	0.5
	Kharif-1	Jute (O)	3.5±0.35	75	7	18	5	-	1.0	-	-
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-
	Rabi	Lentil/	1.5±0.15	15	18	10	5	-	0.5	0.5	0.5
		Chickpea	1.5±0.2	15	18	10	5	-	0.5	0.5	0.5
	Kharif-1	B.Aus(LIV)/	2.5±0.3	30	4	7	2	-	1.0	-	-
		T. Aus (MV)/	2.8±0.3	36	6	7	5	-	1.0	-	-
	Kharif-2	Jute(O)	3.5±0.35	75	7	18	5	-	1.0	-	-
		T.Aman (LIV)	3.0±0.3	45	5	8	6	-	1.0	-	-
	Rabi	Onion/	10±1.0	95	22	28	14	-	1.0	0.5	-
		Garlic	7.0±0.7	65	22	28	14	-	1.0	-	-
	Kharif-1	T. Aus(MV)	2.8±0.3	36	6	5	5	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	8	6	-	1.0	-	-
	Irrigated										
	Rabi	Sugarcane	100±10	140	36	65	35	-	-	3.5	-
	Rabi	Boro (MV)	6.0±0.6	120	14	24	8	-	1.0	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	66	5	12	6	-	1.0	-	-
	Rabi	Boro (MV)	4.8±0.5	96	10	18	7	-	1.0	-	-
	Kharif-1	GM	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	40	5	12	6	-	1.0	-	-
	Rabi	Wheat	3.5±0.35	90	16	26	4	-	1.0	0.5	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	5	8	6	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	66	6	12	7	-	1.0	-	-

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)							
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo
	Rabi	Wheat	3.5±0.35	90	16	25	8	-	1.0	0.5	-
	Kharif-2	GM	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	60	4	4	7	-	1.0	-	-
	Rabi	Wheat	3.5±0.35	90	16	25	8	-	1.0	0.5	-
	Kharif-1	Jute (O)/	3.5±0.35	75	7	18	5	-	1.0	-	-
		B.Aus (LIV)	2.5±0.3	30	4	7	2	-	-	-	-
	Kharif-2	Mungbean	1.0±0.1	15	18	9	5	-	-	-	-
	Rabi	Wheat	3.5±0.35	90	16	26	4	-	1.0	0.5	-
	Kharif-1	Jute (O)	3.5±0.35	75	7	18	5	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	65	6	12	7	-	1.0	-	-
	Rabi	Potato	25.0±2.5	96	16	32	8	-	1.5	0.5	-
	Kharif-1	GM	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman(MV)	4.0±0.4	40	5	14	6	-	1.0	-	-
	Rabi	Potato	25 ±2.5	96	16	32	8	-	1.5	0.5	-
	Kharif-1	T. Aus(MV)	2.8±0.3	36	6	5	4	-	1.0	-	-
	Kharif-2	Gourd	4.0±0.4	60	18	18	12	-	-	-	0.5
		T.Aman (LIV)	3.0±0.3	45	5	8	6	-	1.0	-	-
	Rabi	Mustard	1.6±0.1	84	18	22	14	-	1.0	0.5	-
	Kharif-1	T. Aus (MV)	3.2±0.3	54	4	10	5	-	1.0	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	66	6	12	7	-	1.0	-	-
	Rabi	Cabbage	80±8.0	126	50	14	16	-	2.0	0.5	-
	Kharif-1	Jute(O)	3.5±0.35	75	7	13	5	-	1.0	-	-
	Kharif-2	Gourd	4.0±0.4	60	18	18	12	-	0.6	-	0.5
Land Type	<u>Rainfed</u>										
Medium	Rabi	Wheat	2.5±0.25	38	9	12	3	-	1.0	0.5	-
Lowland	Kharif-1	Jute (O)	3.5±0.35	62	8	18	5	-	-	-	-
O.M: Medium	Kharif-2	T.Aman (MV)	4.0±0.4	55	7	12	6	-	1.0	-	-
pH: 6.2-7.4	Rabi	Wheat	2.5±0.25	38	9	12	3	-	1.0	0.5	-
Texture: Clayey	Kharif	B.Aus+B.A man	2.8±0.3	30	6	10	5	-	-	-	-
K-bearing	Rabi	Lentil/	1.2±0.1	12	22	10	5	-	1.0	0.5	0.5
minerals: High		Chickpea	1.2±0.1	12	22	10	5	-	1.0	0.5	0.5
	Kharif	B.Aus+B.Aman	2.8±0.3	30	6	10	5	-	-	-	-
	Rabi	Lentil /	1.2±0.1	12	22	10	5	-	1.0	0.5	-
		Chickpea	1.2±0.1	12	22	10	5	-	-	-	-
	Kharif-1	Jute (O)	3.5±0.35	62	8	18	5	-	-	-	-
	Kharif-2	Mungbean/	1.2±0.1	12	22	10	5	-	-	0.5	-
		Blackgram	1.2±0.1	12	10	5	2	-	-	-	-
	Rabi	Groundnut	2.0±0.2	28	26	18	14	-	1.5	0.5	0.5
	Kharif	B.Aus + B.Aman	2.8±0.3	30	6	10	5	-	-	-	-
	<u>Irrigated</u>										
	Rabi	Boro (MV)	4.8±0.5	80	13	18	6	-	1.0	-	-
	Kharif	B.Aman	2.5±0.3	25	5	6	4	-	-	-	-
	Rabi	Boro (MV)	4.8±0.5	80	13	18	6	-	1.0	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	38	5	11	6	-	1.0	-	-
	Rabi	Wheat	3.5±0.35	75	20	25	4	-	1.0	1.0	-

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)								
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo	
	Kharif-1	Jute(C)/	2.8±0.3	36	7	12	5	-	1.0	-	-	
		B.Aus (LIV)	2.5±0.3	25	5	6	4	-	-	-	-	
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
	Rabi	Wheat	3.5±0.35	75	20	25	4	-	1.0	1.0	-	
	Kharif	B. Aus + B.Aman	2.8±0.3	30	6	10	5	-	1.0	-	-	
	Rabi	Mustard	1.6±0.1	70	23	22	14	-	1.0	1.0	-	
		Boro	2.8±0.5	80	8	16	6	-	1.0	-	-	
	Kharif	Fallow	-	-	-	-	-	-	-	-	-	
	Rabi	Potato	2.5±2.5	80	20	32	8	-	1.5	1.0	-	
	Kharif-1	Jute (C)	2.8±0.3	36	7	8	5	-	1.0	-	-	
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
	Rabi	Onion	16.0±1.6	75	38	40	20	-	1.0	1.0	-	
	Kharif-1	Jute (C)	2.8±0.3	36	7	9	5	-	1.0	-	-	
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
	Rabi	Onion	16±1.6	75	38	40	20	-	1.0	1.0	-	
	Kharif	B.Aus+B.Aman	2.8±0.3	30	6	10	5	-	1.0	-	-	
	Land type: Lowland	<u>Rainfed</u>										
		Rabi	Boro (LIV)	3.0±0.3	38	8	11	6	-	1.0	-	-
		Kharif	B.Aman (LIV)	2.5±0.3	25	5	6	4	-	-	-	-
		Rabi	Chickpea	1.5±0.2	12	22	10	10	-	1.0	0.5	0.5
	Kharif	B.Aman (LIV)	2.5±0.3	25	5	6	4	-	-	-	-	
	Rabi	Sesame	1.0±0.1	45	18	18	10	-	1.0	-	-	
	Kharif-1	B. Aus +B. Aman	2.8±0.3	30	6	10	5	-	-	-	-	
	<u>Irrigated</u>											
	Rabi	Boro (MV)	4.8±0.5	80	13	18	6	-	1.0	-	-	
	Kharif	B.Aman (LIV)	2.5±0.3	25	5	6	4	-	1.0	-	-	
	Rabi	Onion	16±1.6	75	38	40	20	-	1.0	0.5	-	
	Kharif-2	B.Aman (LIV)	2.5±0.3	25	5	6	4	-	1.0	-	-	

AEZ 13: GANGES TIDAL FLOODPLAIN

LAND TYPES

Highland	— 2%
Medium Highland	— 78%
Medium Lowland	— 2%
Homestead + Water	— 18%

LOCATION AND EXTENTS:

The region occupies all or most of Barisal, Jhalakati, Pirojpur, Patuakhali, Barguna, Bogerhat, Khulna and Satkhira districts. It includes the Khulna and Bagerhat, Sundarbans Reserved Forests
17066 Km₂(1706573 ha)

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)								
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo	
Land Type: Medium Highland O.M: Medium pH: 6.5-7.0 Texture: Loamy K-bearing minerals: Medium	Rainfed (Non Saline)											
	Rabi	Wheat	2.5±0.25	45	16	6	1.5	-	0.5	-	-	
	Kharif-1	B.Aus(LIV)	2.5±0.25	30	6	4	1	-	-	-	-	
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	6	4	1.5	-	0.5	-	-	
		T.Aman (MV)	4.0±0.4	66	8	6	1.5	-	0.5	-	-	
	Rabi	Mustard/	1.0±0.1	60	18	8	3	-	1.0	0.5	-	
		Groundnut	2.0±0.2	33	30	9	4	-	1.0	0.5	-	
	Kharif-1	B.Aus (LIV)	2.5±0.3	30	4	4	1	-	-	-	-	
	Kharif-2	T.Aman (LIV)/	3.2±0.3	45	6	4	1.5	-	1.0	-	-	
		T.Aman (MV)	4.0±0.4	66	8	6	1.5	-	1.0	-	-	
	Rabi	Mungbean	1.2±0.1	15	27	5	3	-	1.0	0.5	-	
	Kharif-1	B.Aus (LIV)/	2.5±0.25	30	6	4	1	-	-	-	-	
		T.Aus (LIV)/	2.8±0.3	36	6	4	1	-	-	-	-	
		T.Aus (MV)	3.5±0.3	54	6	5	1	-	-	-	-	
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	6	4	1.5	-	1.0	-	-	
		T.Aman (MV)	4.0±0.4	66	8	6	1.5	-	1.0	-	-	
	Rabi	Grasspea	1.2±0.1	12	9	2	1	-	-	0.5	-	
	Kharif-1	B.Aus(L)/	2.5±0.25	25	5	3	1	-	-	-	-	
		T.Aus (LIV)	2.8±0.3	36	6	4	1	-	1.0	-	-	
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	6	4	1.5	-	1.0	-	-	
		T.Aman (MV)	4.0±0.4	66	8	6	1.5	-	1.0	-	-	
	Rabi	Chilli	1.3±0.1	65	43	11	2	-	1.0	0.5	-	
	Kharif-1	B.Aus(LIV)	2.5±0.25	30	6	4	1	-	-	-	-	
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	4	4	1.5	-	1.0	-	-	
	T.Aman (MV)	4.0±0.4	66	8	6	1.5	-	1.0	-	-		
Rabi	Fallow	-	-	-	-	-	-	-	-	-		
Kharif-1	T.Aus (LIV)	2.8±0.3	36	9	4	1	-	1.0	-	-		
Kharif-2	T.Aman (LIV)	3.0±0.3	45	6	4	1.5	-	1.0	-	-		
	T.Aman (MV)	4.0±0.4	66	8	6	1.5	-	1.0	-	-		

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)							
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo
Irrigated (Non-saline)											
	Rabi	Boro (MV)	6.0±0.6	120	22	11	2	-	1.0	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	Fallow/ T.Aman (MV)	4.0±0.4	66	8	6	2	-	1.0	-	-
	Rabi	Mustard	1.2±0.1	54	18	8	2	-	1.0	0.5	-
		Boro (MV)	4.8±0.5	96	15	9	2	-	1.0		
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	66	8	6	2	-	1.0	-	-
	Rabi	Melon	28.0±2.8	70	25	9	3	-	1.0	-	-
		T. aus(MV)	3.2±0.3	54	6	5	1	-	-	-	-
		T.Aman (MV)	4.0±0.4	66	8	6	2	-	1.0	-	-
Rainfed (Saline)											
Land Type: Medium Highland O.M: Medium pH: 6.5-7.0 Texture: Loamy K-bearing minerals: Medium	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)/ T.Aman (MV)	3.0±0.3 4.0±0.4	45 66	8 10	4 6	1.5 1.5	-	1.0 1.0	-	-
	Rabi	Water Melon/ Mungbean/ Cowpea/ Chilli	18.0±1.8 1.2±0.1 1.0±0.1 1.3±0.1	50 15 12 36	18 18 7 40	7 5 2 10	2 2 1 2	-	1.0 1.0 1.0 1.0	- 0.5 0.5 0.5	- - - -
	Kharif-1	T.Aus (LIV)	2.8±0.3	30	6	4	1	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	6	1	1.5	-	1.0	-	-

AEZ 14: GOPALGANJ-KHULNA BILS

LAND TYPES

Highland	— 3%
Medium Highland	— 13%
Medium Lowland	— 41%
Lowland	— 28%
Very Lowland	— 11%
Homestead + Water	— 4%

LOCATION AND EXTENTS:

The region occupies a number separate basin areas in Madaripur Gopalganj, Narail, Jessore Bagerhat and Khulna districts 2247 Km²(224700 ha)

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)								
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo	
Land Type:	Rainfed											
Medium Highland	Rabi	Wheat/ Mustard	2.5±0.25	8	12	6	-	-	1.0	-	-	
O.M: Medium pH: 5.0-7.7	Kharif-1	Jute(C)	2.8±0.3	7	6	6	-	-	-	-	-	
Texture: Clayey	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
K-bearing	Rabi	Fallow	-	-	-	-	-	-	-	-	-	
minerals: High	Kharif-1	Sesame	1.0±0.1	10	17	5	-	-	0.5	-	-	
	Kharif-2	T.Aman (LIV)	3.0±0.3	8	4	5	-	-	0.5	-	-	
		T.Aman (MV)	4.0±0.4	11	6	6	-	-	1.0	-	-	
	Rabi	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-1	Jute(C)	2.8±0.3	7	10	7	-	-	-	-	-	
	Kharif-2	T.Aman (LIV)	3.0±0.3	8	4	5	-	-	1.0	-	-	
		T.Aman (MV)	4.0±0.4	11	6	6	=	-	1.0	-	-	
	Rabi	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-1	B.Aus(L)	2.5±0.25	5	8	4	-	-	-	-	-	
	Kharif-2	T.Aman (LIV)/	3.0±0.3	8	4	5	-	-	1.0	-	-	
		T.Aman (MV)	4.0±0.4	11	6	6	-	-	1.0	-	-	
	Rabi	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-2	T.Aman(LIV)	3.0±0.3	8	6	-	-	-	1.0	-	-	
	Rabi	Country bean	16.0±1.6	10	18	6	-	-	1.0	-	-	
	Kharif-1	Ind.Spinach	20.0±2.0	8	5	7	-	-	-	-	-	
	Kharif-2	B.Gourd	26.0±2.6	7	11	10	-	-	-	-	-	
	Irrigated											
	Rabi	Boro (MV)	6.0±0.6	20	18	-	-	-	1.5	-	-	
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-2	T.Aman (LIV)	3.0±0.3	8	4	5	-	-	-	-	-	
	Rabi	Wheat	3.5±0.35	15	20	12	-	-	1.0	0.5	-	
	Kharif-1	Sesame/	1.0±0.1	10	8	5	-	-	-	-	-	
		Jute(C)	2.8±0.3	7	6	6	-	-	-	-	-	
	Kharif-2	T.Aman (MV)	4.0±0.4	11	6	6	-	-	-	-	-	

AEZ 16: MIDDLE MEGHNA RIVER FLOODPLAIN

LAND TYPES

Medium Highland	— 8%
Medium Lowland	— 29%
Lowland	— 25%
Very Lowland	— 11%
Homestead + Water	— 27%

LOCATION AND EXTENTS:

The region occurs between the southern part of the Sylhet Basin and the confluence of the Meghna river with the Dhaleshwari and Ganges rivers. It covers parts of several districts: Kishorganj, Brahmanbaria, Comilla, Chandpur, Narsingdi and Narayanganj 1555 km² (155464 ha)

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)								
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo	
Land Type:	Rainfed											
Medium Lowland	Rabi	Wheat	2.5±0.25	38	10	30	2	-	1.0	0.5	-	
O.M. Low	Kharif-I	Jute (C)	2.8±0.2	36	5	28	2	-	-	-	-	
pH: 4.9-5.5	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
Texture: Loam												
K-bearing	Rabi	Mustard	1.0±0.1	50	12	40	6	-	-	0.5	-	
minerals: Low	Kharif	B.Aus+B.Aman	2.8±0.3	35	6	25	8	-	1.0	-	-	
	Rabi	Mustard	1.0±0.1	50	12	40	6	-	-	0.5	-	
	Kharif	B.Aman	2.5±0.3	25	5	20	2	-	-	-	-	
	Irrigated											
	Rabi	Boro (MV)	4.8±0.5	80	10	45	4	-	1.0	-	-	
	Kharif	B.Aman	2.5±0.3	25	5	20	2	-	-	-	-	
Land Type:	Rainfed											
Lowland	Rabi	Potato	20.0±2.0	48	12	58	3	-	1.5	-	-	
O.M. Low	Kharif	B.Aman(L)	2.5±0.3	25	5	20	4	-	-	-	-	
pH: 4.9-5.5												
Texture: Loam	Rabi	Grasspea	1.0±0.1	10	7	10	2	-	1.0	-	-	
K-bearing	Kharif	B.Aman(L)	2.5±0.3	25	5	20	4	-	-	-	-	
minerals: Low												
	Irrigated											
	Rabi	Boro (MV)	4.8±0.5	80	10	45	4	-	1.0	-	-	
	Kharif	Fallow	-	-	-	-	-	-	-	-	-	
	Rabi	Potato	25.0±2.5	80	16	80	4	-	-	-	-	
	Kharif	B.Aman (L)	2.5±0.3	25	5	20	4	-	-	-	-	

AEZ 17: LOWER MEGHNA RIVER FLOODPLAIN

LAND TYPES

Highland	— 14%
Medium Highland	— 28%
Medium Lowland	— 31%
Homesteads+Water	— 27%

LOCATION AND EXTENTS:

Chandpur, Lakshimpur and Noakhali districts
909 km² (90934 ha)

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)							
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo
Land Type:	Rainfed										
Highland	Rabi	Lentil/	1.5±0.1	15	18	20	5	-	0.5	0.5	0.2
O.M. Medium		Mustard	1.0±0.1	60	12	32	10	-	1.0	0.5	-
pH: 5.0-6.0	Kharif-1	B.Aus (LIV)	2.5±0.25	30	4	14	2	-	-	-	-
Texture: Silt	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-
Loam		T.Aman (LIV)	3.0±0.3	45	4	19	6	-	1.0	-	-
K-bearing	Rabi	Chilli/	1.3±0.1	65	28	43	10	-	-	0.5	-
minerals: Low		Radish/	32.0±3.2	76	17	50	8	-	-	0.5	-
		Tomato	40±4.0	60	14	26	6	-	1.0	0.5	-
	Kharif-1	Jute (C)/	2.8±0.28	42	5	15	3	-	-	-	-
		B.Aus(L)	2.5±0.25	25	4	9	2	-	-	-	-
	Kharif-2	Fallow/	-	-	-	-	-	-	-	-	-
		T.Aman (LIV)	3.0±0.3	45	4	13	6	-	1.0	-	-
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-I	B.Aus (LIV)	2.5±0.25	30	6	16	3	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	4	19	6	-	1.0	-	-
Land Type:	Rainfed										
Medium	Rabi	Wheat	2.5±0.25	38	10	24	3	-	-	0.5	-
Highland	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
O.M. Medium	Kharif-2	T.Aman(LIV)	3.0±0.3	38	4	19	6	-	1.0	-	-
pH: 5.0-6.0	Rabi	Mustard	1.0±0.1	50	12	32	10	-	-	0.5	-
Texture: Silt	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
Loam	Kharif-2	T.Aman (LIV)	3.0±0.3	38	4	19	6	-	1.0	-	-
K-bearing	Rabi	Groundnut	2.0±0.2	27	20	36	14	-	-	0.5	0.2
minerals: Low	Kharif-1	B.Aus (LIV)/	2.5±0.25	30	4	14	2	-	-	-	-
		Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	56	4	22	6	-	1.0	-	-
	Rabi	Soybean	1.6±0.16	15	17	30	9	-	0.5	0.3	0.2
	Kharif-1	B.Aus (LIV)/	2.5±0.25	26	4	14	2	-	-	-	-
		Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)/	3.0±0.3	38	4	19	6	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	56	4	22	6	-	1.0	-	-
	Rabi	Chilli	2.0±0.2	75	40	60	10	-	1.0	0.5	-
	Kharif-1	B.Aus (L)/	2.5±0.25	25	5	10	2	-	-	-	-
		T.Aus (MV)	2.8±0.3	30	3	10	2	-	1.0	-	-
	Kharif-2	T.Aman (LIV)/	3.0±0.3	38	4	13	6	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	56	4	15	6	-	1.0	-	-

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)							
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-1	T.Aus (MV)	3.2±0.3	45	6	22	4	-	1.0	-	-
	Kharif-2	T.Aman (LIV)/	3.0±0.3	38	4	10	6	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	56	4	22	6	-	1.0	-	-
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	56	8	22	7	-	1.0	-	-
	Rabi	Lentil/	1.5±0.15	15	18	20	8	-	-	0.5	0.2
		Chickpea	2.0±0.2	15	18	20	8	-	-	0.5	0.2
	Kharif-1	B. Aus/(LIV)	2.5±0.25	26	4	14	2	-	-	-	-
		Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	56	4	22	6	-	1.0	-	-
	Irrigated										
	Rabi	Boro (MV)	6.0±0.6	100	14	46	8	-	1.0	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)/	3.0±0.3	38	4	19	6	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	56	4	22	6	-	1.0	-	-
	Rabi	Mustard(LIV)	1.2±0.1	45	12	30	8	-	-	1.0	-
		Boro(HYV)	4.8±0.5	80	5	36	6	-	1.0	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)/	3.0±0.3	37	4	19	6	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	56	4	22	6	-	1.0	-	-
Land Type: Medium Lowland	Rainfed										
O.M. Medium	Rabi	Wheat/	2.5±0.5	38	10	24	3	-	-	-	-
pH: 5.0-6.0		Potato	20.0±2.0	58	12	46	8	-	1.0	-	-
Texture: Silt Loam	Kharif-1	Jute (C)/	2.8±0.3	36	4	26	3	-	-	-	-
K-bearing minerals:		Fallow	-	-	-	-	-	-	-	-	-
Medium	Kharif-2	T.Aman (LIV)	3.0±0.3	38	4	13	6	-	1.0	-	-
	Rabi	Mustard	1.6±0.16	70	18	44	14	-	-	0.5	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	38	4	13	6	-	1.0	-	-
	Irrigated										
	Rabi	Boro (MV)	4.8±0.5	80	10	36	6	-	1.0	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)/	3.0±0.3	38	4	13	6	-	1.0	-	-

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)							
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo
	Kharif-2	T.Aman (MV)	4.0±0.4	66	3	7	4	-	1.0	-	-
<u>Irrigated</u>											
	Rabi	Boro (MV)	6.0±0.6	120	14	23	4	-	1.0	-	-
	Kharif-I	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	3	10	3	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	66	4	7	4	-	1.0	-	-
	Rabi	Grasspea	1.2±0.1	12	6-4	1-	-	-	-	-	-
	Kharif-I	T.Aus (MV)	3.2±0.3	54	3	10	2	-	1.0	-	-
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	3	10	3	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	66	4	7	4	-	1.0	-	-