

## AEZ 19: OLD MEGHNA ESTUARINE FLOODPLAIN

### LAND TYPES

Highland	— 2%
Medium Highland	— 24%
Medium Lowland	— 33%
Lowland	— 21%
Very Lowland	— 3%
Homesteads +Water	— 17%

### LOCATION AND EXTENTS:

Kishoregani, Habiganj, Brahmanbaria, Comilla, Chandpur  
Feni, Noakhali, laksmipur, Narsingdi, Narayanganj  
Dhaka, Shariatpur, Modaripur  
Gopalganj and Barisal districts  
7740 km<sup>2</sup> (774026 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:	<b>Rainfed</b>											
Medium Highland	Rabi	Wheat	2.5±0.25	45	10	24	5	-	0.5	-	-	
O.M. Medium pH: 5.0-6.1 Texture: Silt Loam	Kharif-1	Jute(C)	2.8±0.2	42	4	13	5	-	-	-	-	
K-bearing minerals: Low	Kharif-2	T.Aman(LIV)/	3.0±0.3	45	3	18	6	-	1.0	-	-	
		T.Aman (MV)	4.0±0.4	60	4	18	6	-	1.0	-	-	
	Rabi	Potato	20±2.0	67	11	48	6	-	1.0	0.5	-	
	Kharif-1	Jute(C)/	2.8±0.2	42	4	13	5	-	-	-	-	
		Sesame	0.8±0.1	40	10	16	8	-	1.0	0.2	-	
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	3	18	6	-	1.0	-	-	
		T.Aman (MV)	4.0±0.4	60	4	18	6	-	1.0	-	-	
	Rabi	Mustard	1.6±0.1	84	23	53	7	2.0	-	0.5	-	
	Kharif-1	Jute (C)	2.8±0.2	42	4	13	5	-	-	-	-	
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	3	18	6	-	1.0	-	-	
		T.Aman (MV)	4.0±0.4	60	4	18	6	-	1.0	-	-	
	Rabi	Lentil/	1.5±1.5	12	18	20	7	-	-	0.5	-	
		Chickpea	1.6±0.6	10	12	14	7	-	-	0.5	-	
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	3	18	6	-	1.0	-	-	
		T.Aman (MV)	4.0±0.4	60	4	18	6	-	1.0	-	-	
	Rabi	Grasspea	1.2±0.1	12	6	8	4	-	-	-	-	
	Kharif-1	T.Aus (MV)	4.0±0.4	50	8	20	4	-	-	0.5	-	
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	3	18	6	-	1.0	-	-	
		T.Aman (MV)	4.0±0.4	60	4	18	6	-	1.0	-	-	
	Rabi	Tomato/	48±4.8	60	14	25	6		0.5	0.5		
		Cauliflower	20±2.0	60	20	50	7		0.5	0.5		
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	3	11	3	-	1.0	-	-	
	Rabi	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-1	T.Aus (LIV)	3.0±0.3	30	6	20	8	-	1.0	-	-	
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	3	18	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
<b>Irrigated</b>											
	Rabi	Boro (HYV)	5.0±0.5	105	10	40	6	-	1.0	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (HYV)	4.0±0.4	60	4	18	6	-	1.0	-	-
	Rabi	Boro (HYV)	5.0±0.5	105	10	40	6	-	1.0	-	-
	Kharif-1	GM	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (HYV)	4.0±0.4	40	4	18	6	-	1.0	-	-
	Rabi	Wheat	3.5±0.35	90	16	50	4	-	1.0	0.2	-
	Kharif-1	Jute(C)	2.8±0.2	42	4	13	5	-	-	-	-
	Kharif-2	T.Aman(LIV)/	3.0±0.3	45	3	18	6	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	60	4	18	6	-	1.0	-	-
	Rabi	Potato	25±5.0	96	16	80	8	-	1.0	0.5	-
	Kharif-1	T.Aus (MV)	3.5±0.4	50	4	10	5	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	60	4	18	5	-	-	-	-
	Rabi	Mustard (LIV)	1.6±0.1	84	18	44	10	-	-	0.5	-
		Boro (MV)	5.0±0.5	105	10	40	6	-	1.0	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	3	18	5	-	1.0	-	-
<b>Rainfed</b>											
Land Type: Medium	Rabi	Wheat	2.5±0.25	45	10	24	4	-	-	-	-
Lowland O.M: Medium	Kharif	B.Aman (L)	2.5±0.25	25	5	15	4	-	1.0	-	-
pH: 5.5-6.5	Rabi	Wheat	2.5±0.25	45	10	24	4	-	-	-	-
Texture: Loamy	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
K-bearing minerals: Low	Kharif-2	T.Aman (LIV)	3.0±0.3	45	3	18	5	-	1.0	-	-
	Rabi	Potato	20±2.0	67	11	56	6	-	1.0	0.5	-
	Kharif	B.Aus+B.Aman	2.8±0.3	30	6	20	5	-	-	-	-
	Rabi	Mustard	1.6±0.1	84	18	44	10	-	1.0	0.5	-
	Kharif-1	Jute(C)	2.8±0.2	42	4	13	5	-	-	-	-
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-
	Rabi	Mustard	1.6±0.1	84	18	44	10	-	1.0	0.5	-
	Kharif	B.Aus+B.Aman	2.8±0.3	30	5	20	5	-	-	-	-
	Rabi	Lentil/	1.5±0.15	12	18	20	7	-	-	0.5	-
		Chickpea	1.6±0.16	10	12	14	7	-	-	0.5	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	3	18	6	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	60	4	18	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 (LIV)	3.0±0.3	30	6	20	5	-	1.0	-	-	
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	3	18	6	-	1.0	-	-	
		T.Aman (MV)	4.0±0.4	60	4	18	6	-	1.0	-	-	
	<b><u>Irrigated</u></b>											
	Rabi	Boro (MV)	5.0±0.5	105	10	40	6	-	1.0	-	-	
	Kharif-1	Fallow										
	Kharif-2	T.Aman (MV)	4.0±0.4	60	4	18	6	-	1.0	-	-	
	Rabi	Mustard (LIV)/	1.7±0.1	84	18	44	10	-	-	0.5	-	
		Boro (MV)	5.0±0.5	105	10	40	6	-	-	-	-	
	Kharif-1	Fallow										
	Kharif-2	T.Aman (MV)	4.0±0.4	60	4	16	6	-	1.0	-	-	
	Rabi	Boro (MV)	5.0±0.5	105	10	40	6	-	1.0	-	-	
	Kharif	B.Aman (L)	2.5±0.3	25	5	15	4	-	1.0	-	-	
Land Type: Lowland O.M: Medium pH: 5.7-6.9 Texture: Silty clay-clay K-bearing minerals: Low	<b><u>Rainfed</u></b>											
	Rabi	Wheat/	2.5±0.25	38	10	24	3	-	-	-	-	
		Potato/	2.0±2.0	67	11	56	6	-	1.0	0.5	-	
		Mustard/	1.6±0.1	72	18	44	14	-	1.0	0.5	-	
		Grasspea/	1.2±0.1	12	6	8	4	-	-	-	-	
		Chilli	2.0±0.2	75	40	60	10	-	1.0	-	-	
	Kharif	B.Aman	2.5±0.25	25	5	15	4	-	1.0	-	-	
	<b><u>Irrigated</u></b>											
	Rabi	Boro (MV)	5.0±0.5	88	10	40	10	-	0.5	-	-	
	Kharif	B.Aman (L)	2.5±0.3	25	5	15	4	-	1.0	-	-	

## AEZ 20: EASTERN SURMA-KUSHYARA FLOODPLAIN

### LAND TYPES

Highland	— 5%
Medium Highland	— 25%
Medium Lowland	— 20%
Lowland	— 36%
Homestead + Water	— 14%

### LOCATION AND EXTENTS:

Sylhet, Moulvibazar, Sunamganj  
and Habiganj district  
4622 km<sup>2</sup> (462159 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: 4.7-6.9 Texture: Silt Loam K-bearing minerals:Low	<b>Rainfed</b>											
	Rabi	Mustard	1.2±0.1	64	16	34	10	-	-	0.2	-	
		Fallow	-	-	-	-	-	-	-	-	-	
	Khariif-2	T.Aman (LIV)/	3.0±0.3	45	4	23	6	-	0.5	-	-	
		T.Aman (MV)	4.0±0.4	60	6	23	7	-	1.0	-	-	
	Rabi	Fallow	-	-	-	-	-	-	-	-	-	
	Khariif-1	B.Aus (LIV)	2.5±0.3	30	8	20	4	-	-	-	-	
	Khariif-2	T.Aman (LIV)/	3.0±0.3	45	4	23	6	-	0.5	-	-	
		T.Aman (MV)	4.0±0.4	60	6	23	7	-	1.0	-	-	
	Rabi	Fallow	-	-	-	-	-	-	-	-	-	
	Khariif-1	T.Aus (LIV)	2.5±0.3	30	8	20	4	-	0.5	-	-	
	Khariif-2	T.Aman (LIV)	3.0±0.3	45	4	23	6	-	0.5	-	-	
	Rabi	Country bean	20.0±2.6	52	18	26	3	-	-	-	-	
	Khariif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Khariif-2	T.Aman (MV)	4.0±0.4	60	6	23	7	-	1.0	-	-	
	Rabi	Fallow	-	-	-	-	-	-	-	-	-	
	Khariif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Khariif-2	T.Aman (MV)	4.0±0.4	60	10	28	7	-	1.0	-	-	
		<b>Irrigated</b>										
		Rabi	Boro (MV)	5.0±0.5	105	12	50	10	-	1.0	-	-
	Khariif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Khariif-2	T.Aman (MV)	4.0±0.4	60	6	23	7	-	0.5	-	-	
Land Type: Medium Lowland O.M: Medium pH: 4.7-6.0 Texture: Clayey K-bearing minerals: Medium	<b>Rainfed</b>											
	Rabi	Fallow	-	-	-	-	-	-	-	-	-	
	Khariif	B.Aus+B.Aman	2.5±0.3	30	8	25	4	-	1.0	-	-	
	Rabi	Fallow	-	-	-	-	-	-	-	-	-	
	Khariif-1	T. Aus (MV)	3.5±0.4	51	10	28	6	-	1.0	-	-	
	Khariif-2	T.Aman(MV)	3.5±0.4	60	6	23	7	-	0.5	-	-	
	Rabi	Fallow	-	-	-	-	-	-	-	-	-	
	Khariif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Khariif-2	T.Aman (MV)	4.0±0.4	60	10	28	7	-	1.0	-	-	
	Rabi	Country bean	20±2.0	52	18	26	3	-	-	-	-	
	Khariif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Khariif-2	T.Aman (MV)	4.0±0.4	60	6	23	7	-	1.0	-	-	
	Rabi	Fallow	-	-	-	-	-	-	-	-	-	
	Khariif	B.Aman (LIV)	2.5±0.5	25	5	20	4	-	0.5	-	-	
		<b>Irrigated</b>										
		Rabi	Boro (MV)	5.0±0.5	105	12	50	10	-	1.0	-	-
		Khariif-1	B. Aus+B.Aman	2.5±0.3	30	4	20	4	-	0.5	-	-





## AEZ 22: NORTHERN AND EASTERN PIEDMONT PLAINS

### LAND TYPES

Highland	— 33%
Medium Highland	— 31%
Medium Lowland	— 16%
Lowland	— 9%
Very Lowland	— 1%
Homestead + Water	— 10%

### LOCATION AND EXTENTS:

Sherpur, Netrokona, Sunamganj  
Sylhet, Moulivibazar, Habiganj  
Brahmanbaria and Comilla districts  
4038 km<sup>2</sup> (403758 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:	<b><u>Rainfed</u></b>										
Highland	Rabi	Radish	38±3.8	74	21	60	15	-	1.0	-	-
O.M: Medium pH: 4.5-5.8 Texture: Sandy Loam K-bearing minerals: Low	Kharif-1	B.Aus (LIV)/	2.5±0.3	30	4	17	5	-	-	-	-
		T.Aus (MV)	3.5±0.4	50	5	23	5	-	-	-	-
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-1	T.Aus (MV)	3.5±0.4	50	10	28	8	-	0.5	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	3	17	8	-	0.5	-	-
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-1	T.Aus (MV)	3.5±0.4	50	10	28	8	-	0.5	-	-
	Kharif-2	Blackgram	1.0±0.1	12	5	7	-	-	-	-	-
	<b><u>Irrigated</u></b>										
	Rabi	Potato	25±2.5	96	20	80	10	4	1.0	1.5	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman(MV)	4.0±0.4	60	5	14	8	-	1.0	-	-
	Rabi	Mustard	1.6±0.1	84	20	54	18	20	-	0.3	-
	Kharif-1	T.Aus (MV)	3.5±0.4	50	5	23	8	-	0.5	-	-
	Kharif-2	T.Aman(MV)	4.0±0.4	60	5	23	8	-	0.5	-	-
Land Type: Medium High O.M:Medium pH: 4.5-5.8 Texture:Sandy Loam K-bearing minerals: Low -do-	<b><u>Rainfed</u></b>										
	Rabi	Mustard (LIV)	1.0±0.1	40	12	28	8	1.5	0.5	0.3	-
	Kharif-1	Kakroal	14±1.4	31	3	21	10	-	-	0.3	--
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-
	Rabi	Tomato/	48±4.8	58	17	45	10	-	0.5	0.5	-
		Radish	38.0±0.4	74	21	60	15	-	1.0	-	-
	Kharif-1	T.Aus (MV)	3.5±0.4	45	5	23	8	-	0.5	-	-
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-1	Jute(C)/	2.8±0.28	42	10	32	8	-	1.0	-	-
		T.Aus (MV)	3.5±0.4	45	5	23	8	-	0.5	-	-

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)							
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo
	Kharif-2	T.Aman (LIV)	3.0±0.2	45	3	23	8	-	0.5	-	-
	<b>Irrigated</b>										
	Rabi	Boro (MV)	5.0±0.5	105	13	50	13	-	1.0	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	60	5	23	7	-	0.5	-	-
	Rabi	Wheat	3.5±0.4	90	20	63	5	2.5	-	0.5	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	60	5	23	8	-	1.0	-	-
	Rabi	Potato/	25.0±2.5	96	20	80	10	4	1.0	0.5	-
		Boro (MV)	5.0±0.5	105	6	25	8	-	1.0	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	60	5	23	7	-	1.0	-	-
	Rabi	Potato	25.0±2.5	96	20	80	10	4	1.0	0.5	-
	Kharif-1	T.Aus (MV)	3.5±0.4	45	5	12	5	-	0.5	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	60	5	23	8	-	0.5	-	-
	Rabi	Mustard (LIV)	1.2±0.1	54	15	38	10	2.0	0.5	0.5	-
		Boro (MV)	5.0±0.5	105	6	42	13	-	1.0	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	60	5	23	8	-	1.0	-	-
LandType: Medium Lowland O.M:Medium pH: 4.5-5.8 Texture: Silt Loam K-bearing minerals: Low	<b>Rainfed</b>										
	Rabi	Grasspea	1.2±0.1	12	6	8	6	-	0.5	-	-
	Kharif	B.Aman (LIV)	2.5±0.3	30	5	20	6	-	-	-	-
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.2	45	3	14	6	-	0.5	-	-
	<b>Irrigated</b>										
	Rabi	Boro (MV)	5.0±0.5	105	13	50	13	-	1.0	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.2	45	3	17	8	-	0.5	-	-

## AEZ 23: CHITTAGONG COASTAL PLAINS

### LAND TYPES

Highland	— 17%
Medium Highland	— 43%
Medium Lowland	— 13%
Homestead + Water	— 27%

### LOCATION AND EXTENTS:

Feni, Chittagong and Cox's Bazar districts  
3720 km<sup>2</sup> (372007 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:	<b>Rainfed</b>										
Highland O.M: Low pH: 5.6 Texture: Silt Loam K-bearing minerals: Low	Rabi	Radish	38.0±3.8	61	25	50	5	-	1.0	1.0	-
	Khariif-1	B.Aus (LIV)	2.5±0.3	25	4	14	2	-	-	-	-
	Khariif-2	T.Aman (LIV)/	3.0±0.3	38	5	18	3	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	60	6	22	5	-	1.0	-	-
	Rabi	Brinjal	42±4.2	48	20	28	3	-	-	0.5	-
	Khariif-1	Kakrol	15±1.5	27	3	20	4	-	-	-	-
	Khariif-2	T.Aman (LIV)/	3.0±0.3	38	5	18	3	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	60	6	18	3	-	0.5	-	-
	Rabi	Country bean	20±2.0	44	21	21	2	-	-	0.5	-
	Khariif-1	T.Aus (MV)	3.5±0.4	40	6	18	3	-	1.0	-	-
	Khariif-2	Fallow	-	-	-	-	-	-	-	-	-
	Rabi	Yardlongbean	8±0.7	10	19	15	2	-	0.5	0.4	-
	Khariif-1	Fallow	-	-	-	-	-	-	-	-	-
	Khariif-2	T.Aman (MV)	4.0±0.4	60	6	18	3	-	1.0	-	-
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Khariif-1	T.Aus (MV)	3.5±0.4	40	12	22	3	-	1.0	-	-
	Khariif-2	T.Aman (MV)	4.0±0.4	60	6	18	3	-	1.0	-	-
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Khariif-1	B.Aus (LIV)	2.5±0.3	25	9	16	2	-	-	-	-
	Khariif-2	T.Aman (LIV)/	3.0±0.3	38	5	18	3	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	60	6	18	3	-	0.5	-	-
	<b>Irrigated</b>										
	Rabi	Boro (MV)	5.0±0.5	88	15	40	5	-	1.0	-	-
	Khariif-1	Fallow	-	-	-	-	-	-	-	-	-
	Khariif-2	T.Aman (MV)	4.0±0.4	60	6	18	3	-	1.0	-	-
	Rabi	Tomato	64.0±6.0	70	30	36	4	-	0.5	0.5	-
	Khariif-1	T.Aus (MV)/	3.5±0.4	40	6	18	3	-	1.0	-	-
		Ladies Finger	12.0±1.2	52	12	25	4	-	-	-	-
	Khariif-2	T. Aman (MV)	4.0±0.4	60	6	18	3	-	0.5	-	-

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 Highland O.M: Low, pH: 5.6 Texture: Silt Loam K-bearing minerals: Medium	<b>Rainfed</b>											
	Rabi	Cowpea	1.0±0.1	10	9	8	2	-	-	0.5	-	
	Kharif-1	T.Aus (MV)	3.5±0.4	40	6	18	3	-	-	-	-	
	Kharif-2	T.Aman (MV)	1.0±0.1	60	6	18	3	-	1.0	-	-	
	Rabi	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-1	B.Aus (LIV)	2.5±0.3	25	9	16	3	-	-	-	-	
	Kharif-2	T.Aman (LIV)	3.0±0.3	38	5	18	3	-	1.0	-	-	
	<b>Irrigated</b>											
	Rabi	Boro (MV)	5.0±0.5	88	15	40	5	-	0.5	-	-	
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-2	T.Aman (MV)	4.0±0.4	60	6	18	3	-	1.0	-	-	
	Rabi	Potato	25±2.5	80	24	64	4	4	1.5	0.5	0.4	
	Kharif-1	T.Aus (MV)	3.5±0.4	40	6	18	3	-	-	-	-	
	Kharif-2	T.Aman (MV)/	4.0±0.4	60	6	18	3	-	1.0	-	-	
		T.Aman (LIV)	3.0±0.3	38	5	18	3	-	1.0	-	-	
	Rabi	Mustard (LIV)	1.6±0.1	70	2	44	7	-	-	0.5	-	
		Boro (MV)	5.0±0.5	88	15	40	5	-	1.0	-	-	
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-2	T.Aman (MV)	3.5±0.4	60	6	18	3	-	1.0	-	-	
	Rabi	Tomato	64.0±6.4	70	30	36	4	-	0.5	0.5	-	
	Kharif-1	T.Aus (MV)	3.5±0.4	40	6	18	3	-	1.0	-	-	
	Kharif-2	T.Aman (MV)	3.5±0.4	45	8	25	5	-	1.0	-	-	
	Rabi	Panikachu	30±3	80	27	54	6	-	-	-	-	
	Kharif-1	-	-	-	-	-	-	-	-	-	-	
Kharif-2	T.Aman(LIV)	3.0±0.3	38	5	18	3	-	1.0	-	-		
Rabi	Fallow	-	-	-	-	-	-	-	-	-		
Kharif-1	T.Aus (MV)	3.5±0.4	40	12	22	3	-	1.0	-	-		
Kharif-2	T.Aman (MV)	4.0±0.4	60	6	18	3	-	0.5	-	-		
Land Type: Medium Lowland O.M: Medium pH: 4.6-6.0 Texture: Silt Loam K-bearing minerals: Medium	<b>Rainfed</b>											
	Rabi	Mustard (LIV)/	1.28±0.1	50	19	30	5	-	-	0.5	-	
		Groundnut	1.6±0.2	20	21	21	5	-	0.5	0.3	0.3	
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-2	T.Aman (LIV)	3.0±0.3	38	5	18	3	-	1.0	-	-	
	Rabi	Cowpea	1.0±0.1	10	9	8	2	-	-	-	-	
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-2	T.aman (LIV)	3.0±0.3	38	5	18	3	-	0.5	-	-	

Land and Soil Characteristics	Cropping Pattern		Yield Goal (t/ha)	Fertilizer Recommendation (kg/ha)							
	Seasons	Crops		N	P	K	S	Mg	Zn	B	Mo
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Khariif-1	T.Aus (MV)	3.5±0.4	40	12	22	3	-	1.0	-	-
	Khariif-2	T.Aman (MV)	4.0±0.4	60	6	18	3	-	0.5	-	-
<b><u>Irrigated</u></b>											
	Rabi	Boro (MV)	5.0±0.5	88	15	40	5	-	1.0	-	-
	Khariif-1	Fallow	-	-	-	-	-	-	-	-	-
	Khariif-2	T.Aman (MV)	4.0±0.4	60	6	18	3	-	0.5	-	-
	Rabi	Maize	5.0±0.5	88	36	50	8	0.3	-	0.5	-
	Khariif-1	Fallow	-	-	-	-	-	-	-	-	-
	Khariif-2	T.Aman (MV)	4.0±0.4	60	5	18	3	-	1.0	-	-



## AEZ 25: LEVEL BARIND TRACT

### LAND TYPES

Highland	— 30%
Medium Highland	— 55%
Medium Lowland	— 4%
Lowland	— 2%
Homestead + Water	— 9%

### LOCATION AND EXTENTS:

Dinajpur, Gaibandha, Jaipurhat  
Bogra, Noagaon, Sirajganj and Natore  
district  
8 km<sup>2</sup> (50485 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:	<b><u>Rainfed</u></b>										
Highland	Rabi	Sugarcane	65.0±6.5	112	35	104	24	16	2.5	-	-
O.M: Low	Rabi	Fallow	-	-	-	-	-	-	-	-	-
pH: 5.0-5.7	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
Texture: Loamy	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	10	28	5	-	1.0	-	-
K-bearing		T.Aman (MV)	4.0±0.4	65	12	35	6	-	1.0	-	-
minerals: Low	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-1	B.Aus (LIV)	2.5±0.3	25	4	20	4	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	10	28	5	-	1.0	-	-
	<b><u>Irrigated</u></b>										
	Rabi	Sugarcane	80.0±8.0	120	36	100	20	15	2.0	-	-
	Rabi	Sugarcane+	80.0±8.0	120	36	100	20	15	2.0	-	-
		Potato	10.0±1.0	40	10	30	-	-	-	-	-
	Rabi	Boro (MV)	5.0±0.5	95	15	45	6	-	1.0	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	65	5	28	6	-	1.0	-	-
	Rabi	Wheat	3.5±0.4	90	25	60	8	-	-	1.0	-
	Kharif-1	T.Aus (MV)/	3.5±0.4	50	8	25	5	-	1.0	-	-
		Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman(MV)	4.0±0.4	65	5	28	6	-	1.0	-	-
	Rabi	Potato	25.0±2.5	95	25	90	8	5	2.0	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	65	5	20	6	-	1.0	-	-
	Rabi	Potato	25±2.5	95	25	80	8	5	2.0	-	-
		Boro (MV)	4.8±0.5	95	15	45	6	-	1.0	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	65	5	20	6	-	1.0	-	-
	Rabi	Potato	25.0±2.5	95	25	90	8	5	2.0	-	-
	Kharif-1	T.Aus (MV)	3.5±0.4	50	4	12	5	-	-	-	-
	Kharif-2	T.Aman (MV)	3.5±0.4	65	5	20	6	-	1.0	-	-
	Rabi	Mustard	1.6±0.1	85	18	55	15	-	-	1.0	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	65	5	28	6	-	1.0	-	-



## AEZ 26: HIGH BARIND TRACT

### LAND TYPES

Highland	— 93%
Medium Highland	— 1%
Homestead + Water	— 11%

### LOCATION AND EXTENTS:

Rajshahi, Nowabganj and Noagaon districts
1600 km <sup>2</sup> (160000 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:	<b>Rainfed</b>										
Highland	Rabi	Sugarcane	65.0±6.5	95	30	60	20	12	1.5	-	-
O.M. Low	Rabi	Wheat	2.5±0.2	45	15	18	6	-	-	1.0	-
pH: 4.8-5.9	Kharif-1	T.Aus (MV)	3.5±0.4	50	6	12	4	-	1.0	-	-
Texture: Loamy	Kharif-2	Blackgram	1.0±0.1	12	12	13	-	-	-	-	-
K-bearing	Rabi	Wheat	2.5±0.2	45	15	18	6	-	-	1.0	-
minerals:	Kharif-1	GM	-	-	-	-	-	-	-	-	-
Low	Kharif-2	T.Aman (LIV)	3.0±0.3	45	6	22	8	-	1.0	-	-
	Rabi	Wheat	2.5±0.2	45	15	30	5	-	-	1.0	-
	Kharif-1	Ladies Finger	10.0±1.0	44	16	26	7	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	65	7	28	8	-	1.0	-	-
	Rabi	Potato	20±2.0	75	20	65	8	4	1.0	-	-
	Kharif-1	T.Aus (MV)	3.5±0.4	50	6	12	5	-	1.0	-	-
	Kharif-2	Blackgram	1.0±0.1	12	12	13	-	-	-	-	-
	Rabi	Mustard/	1.0±0.1	55	16	35	10	-	-	1.0	-
		Chickpea+	1.5±0.2	20	25	25	10	-	-	1.0	0.5
		Lentil	-	-	-	-	-	-	-	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	6	22	8	-	1.0	-	-
	Rabi	Chickpea+	2.0±0.2	20	25	25	10	-	-	0.5	0.5
		Barley/	-	-	-	-	-	-	-	-	-
		Chickpea+	2.0±0.2	20	25	25	20	-	-	0.5	0.5
		Mustard	-	-	-	-	-	-	-	-	-
		Chickpea+	2.0±0.2	20	20	40	14	-	-	0.5	0.5
		Lentil	-	-	-	-	-	-	-	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	65	7	28	8	-	1.0	-	-
	Rabi	Chickpea	1.6±0.2	12	19	17	10	-	-	1.0	0.5
	Kharif-1	Fallow	-	-	-	-	-	-	1.0	-	-
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	6	22	8	-	-	-	-
		T.Aman (MV)	3.5±0.4	60	6	14	8	-	1.0	-	-
	Rabi	Chickpea	1.6±0.2	12	19	17	10	-	-	1.0	0.5
	Kharif-1	GM	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (MV)	4.0±0.4	65	7	28	8	-	1.0	-	-
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-I	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	8	22	8	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	65	7	28	8	-	1.0	-	-
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-1	B.Aus (LIV)	2.5±0.3	30	8	20	5	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	6	22	8	-	1.0	-	-
	Rabi	Fallow	2.4±0.2	36	10	28	7	-	-	-	-
	Kharif-1	Jute(C)/	2.8±0.3	42	12	45	10	-	-	-	-
		B.Aus (LIV)/	2.5±0.3	30	8	20	5	-	-	-	-
		Kaon	2.0±0.2	60	20	35	5	-	-	-	-
	Kharif-2	T.Aman(LIV)	3.0±0.3	45	6	22	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
<b>Irrigated</b>											
Rabi		Sugarcane	80.0±8.0	120	36	75	25	15	2	-	-
Rabi		Sugarcane +	80.0±8.0	120	36	75	25	15	2	-	-
		Cabbage/	20.0±2.0	50	20	25	-	-	-	1.0	-
		Cauliflower/	8.0±0.8	50	20	50	9	-	-	1.0	-
		Spinach	8.0±0.8	28	5	32	7	-	-	-	-
Rabi		Boro (MV)	4.8±0.5	95	15	45	8	-	1.0	-	-
Kharif-1		Fallow/	-	-	-	-	-	-	-	-	-
		T.Aus (MV)	3.5±0.4	50	6	12	4	-	1.0	-	-
Kharif-2		T.Aman (LIV)/	3.0±0.3	45	6	28	8	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	65	7	28	8	-	1.0	-	-
Rabi		Boro (MV)	4.8±0.5	95	15	45	8	-	1.0	-	-
Kharif-1		GM	-	-	-	-	-	-	-	-	-
Kharif-2		T.Aman (LIV)/	3.0±0.3	65	6	22	8	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	65	7	28	8	-	1.0	-	-
Rabi		Wheat	3.5±0.4	75	24	62	10	-	-	1.0	-
Kharif-1		GM	-	-	-	-	-	-	-	-	-
Kharif-2		T.Aman (LIV)/	3.8±0.3	45	6	22	8	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	65	7	28	8	-	1.0	-	-
Rabi		Wheat	3.5±0.4	90	25	60	10	-	-	1.0	-
Kharif-1		Fallow	-	-	-	-	-	-	-	-	-
Kharif-2		T.Aman (MV)/	4.0±0.4	65	7	28	8	-	1.0	-	-
		T.Aman (LIV)	2.0±0.3	45	6	22	8	-	1.0	-	-
Rabi		Potato	25±2.5	95	25	80	10	5	2.0	-	-
Kharif-1		Maize/	5.0±0.5	108	35	60	15	-	1.0	-	-
		T.Aus (MV)	3.5±0.4	50	6	12	4	-	1.0	-	-
Kharif-2		T.Aman (MV)	4.0±0.4	65	7	28	8	-	1.0	-	-
Rabi		Mustard	1.6±0.2	85	28	55	17	-	-	1.0	-
Kharif-1		Fallow	-	-	-	-	-	-	-	-	-
Kharif-2		T.Aman (MV)	4.0±0.4	65	7	28	8	-	1.0	-	-
Rabi		Tomato	6.4±6.4	85	30	45	10	-	-	1.0	-
Kharif-1		T.Aus(MV)	3.5±0.4	50	6	12	5	-	1.0	-	-
Kharif-2		T.Aman(MV)	4.0±0.4	65	7	28	8	-	1.0	-	-

## AEZ 27: NORTH EASTERN BARINDTRACT

### LAND TYPES

Highland	— 36%
Medium Highland	— 56%
Medium Lowland	— 1%
Homestead + Water	— 7%

### LOCATION AND EXTENTS:

Dinajpur, Rangpur, Gaibandha  
Jaipurhat and Bogra  
districts  
1079 km<sup>2</sup> (107900 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:	<b>Rainfed</b>											
Highland O.M:	Rabi	Sugarcane	65.0±6.5	95	20	80	20	12	1.5	-	-	
Low pH: 4.8-5.6	Rabi	Potato	20±2.0	75	12	52	8	4	1.5	-	-	
Texture: Loamy	Kharif-1	Jute (O)/	3.0±0.3	55	8	25	5	-	-	-	-	
K-bearing:		T. aus (MV)	2.8±0.3	36	4	12	3	-	0.6	-	-	
minerals Low	Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	15	8	-	1.0	-	-	
	Rabi	Mustard/	1.6±0.1	55	15	30	10	-	1.0	1.0	-	
		Blackgram	1.0±0.1	12	8	10	-	-	-	1.0	-	
	Kharif-1	B.Aus (L)	2.5±0.3	25	5	15	6	-	-	-	-	
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
	Rabi	Sesame	1.0±0.1	54	14	22	12	-	-	0.3	-	
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	15	8	-	1.0	-	-	
	Rabi	Brinjal	40±4.0	55	14	28	7	-	1.0	-	-	
	Kharif-1	Jute(Mesta)	2.0±0.2	60	7	20	-	-	-	-	-	
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
	Rabi	Cabbage	56±5.6	88	42	25	14	-	2.0	1.0	-	
	Kharif-1	B.Aus(LIV)	2.5±0.3	30	2	8	3	-	-	-	-	
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
	<b>Irrigated</b>											
	Rabi	Sugarcane	80.0±0.8	120	25	100	25	15	2.0	-	-	
	Rabi	Sugarcane+	80.0±0.8	120	25	100	25	15	2.0	-	-	
		Potato/	10.0±1.0	40	6	25	-	-	-	-	-	
		Mungbeen	0.7±0.1	7	7	5	-	-	-	-	-	
	Rabi	Boro (MV)	4.8±0.5	95	10	35	8	-	1.0	-	-	
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-2	T.Aman (MV)	4.0±0.4	66	6	20	8	-	0.6	-	-	
	Rabi	Maize	8.0±0.8	145	35	75	3	-	2.0	-	-	
	Kharif-1	Jute (O)	3.5±0.4	65	9	30	5	-	-	-	-	
	Kharif-2	T.Aman (MV)	4.0±0.4	65	5	20	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	
Land Type: Medium Highland O.M: Low pH: 4.8-5.6 Texture: Loamy K-bearing minerals: Low	Rabi	Potato	25.0±2.5	95	15	65	10	5	2.0	-	-	
	Khariif-1	Boro (MV)	5.0±0.5	95	10	35	8	-	1.0	-	-	
	Khariif-2	T.Aman(MV)	4.0±0.4	60	4	15	8	-	1.0	-	-	
	Rabi	Potato	25.0±2.5	96	16	80	10	5	2.0	-	-	
	Khariif-1	T.Aus (MV)	3.2±0.3	54	4	16	5	-	0.5	-	-	
	Khariif-2	T.Aman(MV)	4.0±0.4	65	5	15	8	-	1.0	-	-	
	<b><u>Rainfed</u></b>											
	Rabi	Fallow	-	-	-	-	-	-	-	-	-	-
	Khariif-1	B.Aus(LIV)/ Jute (O)/	2.5±0.3 3.0±0.3	30 55	4 8	15 25	5 5	- -	- -	- -	- -	- -
	Khariif-2	T.Aman (LIV)/ T.Aman (MV)	3.0±0.3 4.0±0.4	45 65	5 5	15 20	8 8	- -	1.0 1.0	- -	- -	- -
	<b><u>Irrigated</u></b>											
	Rabi	Boro (MV)	4.8±0.5	95	10	35	8	-	1.0	-	-	
Khariif-1	Fallow/ T.Aus (MV)	- 3.2±0.3	- 54	- 4	- 16	- 5	- -	- 0.5	- -	- -	- -	
Khariif-2	T.Aman (MV)	4.0±0.4	65	5	20	8	-	1.0	-	-		
Rabi	Boro (MV)	4.8±0.5	95	10	35	8	-	1.0	-	-		
Khariif-1	GM	-	-	-	-	-	-	-	-	-		
Khariif-2	T.Aman(MV)	4.0±0.4	65	5	20	8	-	1.0	-	-		
Rabi	Wheat	3.5±0.4	90	15	50	10	-	-	1.0	-		
Khariif-1	T.Aus (MV)/ Jute (O)	3.2±0.3 3.5±0.4	54 65	4 9	16 30	5 5	- -	0.5 -	- -	- -		
Khariif-2	T.Aman (MV)	4.0±0.4	65	5	20	8	-	1.0	-	-		
Rabi	Potato	25.0±2.5	95	15	65	10	5	2.0	-	-		
Khariif-1	Fallow/ T.Aus (MV)	- 3.2±0.3	- 54	- 4	- 16	- 5	- -	- 0.5	- -	- -		
Khariif-2	T.Aman (MV)	4.0±0.4	65	5	20	8	-	1.0	-	-		
Rabi	Mustard	1.2±0.1	55	22	30	10	-	-	1.0	-		
	Boro (MV)	4.8±0.5	95	10	35	8	-	1.0	-	-		
Khariif-1	Fallow	-	-	-	-	-	-	-	-	-		
Khariif-2	T.Aman (MV)	4.0±0.4	65	5	20	8	-	1.0	-	-		

## AEZ 28: MADHUPUR TRACT

### LAND TYPES

Highland	— 56%
Medium Highland	— 18%
Medium Lowland	— 7%
Lowland	— 9%
Homestead + Water	— 10%

### LOCATION AND EXTENTS:

Dhaka, Gazipur, Narsingdi  
Narayanganj, Tangail, Mymensingh  
and Kishoreganj districts  
4244 km<sup>2</sup> (424400 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:	<b><u>Rainfed</u></b>										
Highland O.M:	Rabi	Sugarcane	65.0±6.5	95	25	100	20	12	1.5	-	-
Low pH: 4.8-5.5	Rabi	Mustard	1.0±0.1	55	15	35	10	-	1.0	1.0	-
Texture: Loamy	Khharif-1	B.Aus (LIV)	2.5±0.3	30	4	10	4	-	-	-	-
K-bearing	Khharif-2	Fallow	-	-	-	-	-	-	-	-	-
minerals: Low	Rabi	Lentil/	1.5±0.15	12	22	25	10	-	1.0	1.0	0.5
		Chickpea	2.0±0.2	12	22	25	10	-	1.0	1.0	0.5
	Khharif-1	Jute (0)	2.4±0.2	35	9	28	7	-	-	-	-
	Khharif-2	Fallow	-	-	-	-	-	-	-	-	-
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Khharif-1	B.Aus (LIV)/	2.5±0.3	30	8	20	5	-	-	-	-
		T.Aus (MV)	3.5±0.4	50	10	25	6	-	1.0	-	-
	Khharif-2	T.Aman (LIV)/	3.0±0.3	45	3	14	7	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	65	10	28	8	-	1.0	-	-
	<b><u>Irrigated</u></b>										
	Rabi	Sugarcane	80.0±0.8	120	30	125	25	15	2.0	-	-
	Rabi	Sugarcane+	80.0±0.8	120	30	125	25	15	2.0	-	-
		Lentil/	0.6±0.1	10	12	8	-	-	-	-	-
		Mungbeen	0.7±0.1	7	7	5	-	-	-	-	-
	Rabi	Boro (MV)	4.8±0.5	95	12	45	8	-	1.0	-	-
	Khharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Khharif-2	T.Aman (MV)	4.0±0.4	65	7	28	8	-	1.0	-	-
	Rabi	Boro (MV)	4.8±0.5	95	12	45	8	-	1.0	-	-
	Khharif-1	GM	-	-	-	-	-	-	-	-	-
	Khharif-2	T.Aman(MV)	4.0±0.4	65	7	28	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
Land Type: Medium Highland O.M: Low pH: 4.8-5.5 Texture: Loamy K-bearing minerals: Low	<b><u>Rainfed</u></b>										
	Rabi	Wheat	2.5±0.3	45	12	30	3	-	-	1.0	-
	Kharif-1	B.Aus (LIV)/	2.5±0.3	30	6	20	3	-	-	-	-
		Jute(C)	2.4±0.2	35	9	28	7	-	-	-	-
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	3	14	7	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	65	7	28	8	-	1.0	-	-
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-1	Jute(C)	2.4±0.2	35	9	28	7	-	-	-	-
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	3	14	7	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	65	7	28	8	-	1.0	-	-
	Rabi	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-1	B.Aus (LIV)	2.5±0.3	30	8	20	5	-	-	-	-
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	3	14	7	-	1.0	-	-
	<b><u>Irrigated</u></b>										
	Rabi	Boro (MV)	4.8±0.5	95	12	45	8	-	1.0	-	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
		T.Aus (MV)	3.2±0.3	54	6	24	6	-	-	-	-
	Kharif-2	T.Aman (LIV)/	2.8±0.3	45	3	14	7	-	1.0	-	-
		T.Aman (MV)	4.0±0.4	65	7	28	8	-	1.0	-	-
	Rabi	Wheat	3.5±0.4	90	20	60	10	-	-	1.0	-
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	3	14	7	-	1.0	-	-
		T.Aman (MYV)	4.0±0.4	65	7	28	8	-	1.0	-	-
	Rabi	Wheat	3.5±0.4	90	20	60	10	-	-	1.0	-
	Kharif-1	GM	-	-	-	-	-	-	-	-	-
	Kharif-2	T.Aman (LIV)/	3.0±0.3	45	3	14	7	-	1.0	-	-
T.Aman (MV)		4.0±0.4	65	7	28	8	-	1.0	-	-	
Rabi	Mustard	1.6±0.16	85	20	55	15	-	-	1.0	-	
	Boro (MV)	4.8±0.5	95	12	45	8	-	1.0	-	-	
Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
Kharif-2	T.Aman (MV)	4.0±0.4	65	7	28	8	-	1.0	-	-	

## AEZ 29: NORTHERN AND EASTERN HILLS

### LAND TYPES

Highland	— 92%
Medium Highland	— 2%
Medium Lowland	— 1%
Homestead + Water	— 5%

### LOCATION AND EXTENTS:

Mainly in Khagrachhari, Chittagong Hill Tracts, Bandarban, Chittagong, Cox's Bazar, Habiganj and Molvibazar districts. Small areas occur along the northern border of Sherpur, Mymensingh, Sunamganj and Sylhet district, in central and south-eastern Sylhet and in the east of Brahmanbaria, Comilla and Feni district  
18171 km<sup>2</sup> (1817100 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 O.M: Low pH: 4.5-4.9 Texture: Loamy K-bearing minerals: Low	<b>Rainfed</b>											
	Rabi	Sugarcane	65.0±6.5	95	25	80	15	12	1.5	-	-	
	Rabi	Sweet potato	24.0±2.4	60	25	40	6	2.0	1.0	-	-	
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	15	6	-	1.0	-	-	
	Rabi	Cowpea	1.5±0.1	15	12	12	-	-	-	0.5	-	
	Kharif-1	B.Aus (LIV)	2.5±0.3	30	3	8	4	-	-	-	-	
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	15	6	-	1.0	-	-	
	Rabi	Brinjal	42.0±4.2	60	20	36	6	-	-	-	-	
	Kharif-1	Cucumber	16.0±1.6	45	10	16	6	-	-	-	-	
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	6	15	6	-	1.0	-	-	
	Rabi	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-2	T.Aman (LIV)	3.0±0.3	45	6	15	6	-	1.0	-	-	
	<b>Irrigated</b>											
	Rabi	Boro (MV)	4.8±0.5	95	12	35	6	-	1.0	-	-	
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-2	T.Aman (MV)	4.0±0.4	65	6	20	6	-	1.0	-	-	
Rabi	Snake Gourd/ Bitter Gourd/ Sweet Gourd/ Ridge Gourd/ Cucumber Coriander leaf	18.0±2 23.0±2 1.8±0.2	45 50 80	10 30 30	40 60 60	15 15 15	10 10 10	- - -	- - -	- - -		
Kharif-1	Fallow	-	-	-	-	-	-	-	-	-		
Kharif-2	T.Aman (LIV)	2.8±0.3	45	5	15	6	-	1.0	-	-		
Rabi	Country been	40.0±4	150	50	120	30	10	-	0.5	0.5		
Kharif-1	Fallow	-	-	-	-	-	-	-	-	-		
Kharif-2	T.Aman (LIV)	3.0±0.3	45	5	15	6	-	1.0	-	-		

## AEZ 30: AKHAURA TERRACE

### LAND TYPES

Highland	— 55%
Medium Highland	— 11%
Medium Lowland	— 10%
Lowland	— 15%
Very Lowland	— 3%
Homestead + Water	— 6%

### LOCATION AND EXTENTS:

Brahmanbaria district and minor area  
in Habiganj district  
113 km<sup>2</sup> (11300 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:	<b>Rainfed</b>											
Highland	Rabi	Sugarcane+	65.0±6.5	95	25	100	20	15	1.5	-	-	
O.M: Low pH: 5.5-6.5 Texture: Loamy K-bearing minerals: Low	Kharif-1	Turmeric	1.5±0.2	50	15	40	10	-	-	-	-	
Land Type:	<b>Rainfed</b>											
Medium	Rabi	Wheat	2.3±0.2	45	12	20	5	-	-	1.5	-	
Highland	Kharif-1	T.Aus (LIV)	2.8±0.3	40	6	25	6	-	1.0	-	-	
O.M: Low pH: 5.5-6.5 Texture: Loamy K-bearing minerals: Low	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
	Rabi	Potato	2.0±0.2	75	15	65	8	4	1.5	-	-	
	Kharif-1	T.Aus (MV)	3.5±0.4	50	5	12	6	-	1.0	-	-	
	Kharif-2	T.Aman (MV)	4.0±0.4	65	6	28	8	-	1.0	-	-	
	Rabi	Mustard	1.2±0.1	60	15	35	15	-	1.0	1.0	-	
	Kharif-1	Jute (C)	2.4±0.2	35	9	28	7	-	-	-	-	
	Kharif-2	Fallow	-	-	-	-	-	-	-	-	-	
	Rabi	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-1	T.Aus (MV)	3.5±0.5	50	10	25	6	-	1.0	-	-	
	Kharif-2	T.Aman (LIV)/ T.Aman (MV)	3.0±0.3 4.0±0.4	45 65	3 6	14 28	7 8	- -	1.0 1.0	- -	- -	
	<b>Irrigated</b>											
	Rabi	Boro (MV)	4.8±0.5	95	12	45	8	-	1.0	-	-	
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-2	T.Aman (MV)	4.0±0.4	65	6	28	8	-	1.0	-	-	
	Rabi	Mustard (LIV)	1.6±0.16	85	22	55	15	-	-	1.0	-	
		Boro (MV)	4.8±0.5	95	12	45	15	-	1.0	-	-	
	Kharif-1	Fallow	-	-	-	-	-	-	-	-	-	
	Kharif-2	T.Aman (MV)	4.0±0.4	65	6	28	8	-	1.0	-	-	
Land Type:	<b>Rainfed</b>											
Medium	Rabi	Fallow	-	-	-	-	-	-	-	-	-	
Lowland	Kharif	B.Aman (LIV)	2.5±0.3	25	5	15	4	-	-	-	-	
O.M: Medium pH: 5.5-6.5 Texture: Loamy K-bearing minerals: Low	<b>Irrigated</b>											
	Rabi	Boro (MV)	4.8±0.5	95	12	45	15	-	1.0	-	-	
	Kharif-1	B.Aman (LIV)	2.5±0.3	25	5	15	4	-	-	-	-	