

CHAPTER-6

AGRICULTURE

Table 6.1- Agriculture in Assam, at a Glance

No. of Operational Holdings, 2010-11 Agricultural Census	2720223
Area under Operational Holdings	2999070 hect.
Average Size of Operational Holding	1.1 hect.
Total Cropped Area, 2015-16	4059934 hect.
Net Area Shown, 2015-16	2801472 hect.
Area under non-agricultural uses, 2015-16	2481525 hect.
Fallow land, 2015-16	182397 hect.
Index number of all commodities, 2016-17 (P)	
(Base triennium ending 2007-08=100)	
(i) Area	108.16
(ii) Production	144.33
(iii) Productivity	133.44
Area under Rice, 2016-17 (P)	2467,000 hect.
Production of Rice	5127,000 tonne
Area under Pulses, 2016-17 (P)	146,000hect.
Production of Pulses	108,000tonne
Area under Total Foodgrains, 2016-17 (P)	2667,000 hect.
Production of Total Foodgrains	5353,000 tonne
Area under Total oilseeds, 2016-17 (P)	338,000 hect.
Production of oil seeds (excluding coconut)	204,000 tonne
Area under Total Fibres, 2016-17 (P)	80,000 hect.
Production of Fibres	825,000 tonne
Consumption of Fertilizer (NPK), 2016-17	230,970 tonne
Per Hect. consumption of Fertilizer, 2016-17	55.03 kg/hect.

Table 6.2- District-wise area classification in Assam, 2015-16

(Area in Hect.)

#	District	Geographical Area	Reporting Area for land utilisation statistics	Forest	Water Logged Land	Social Forestry	Land under Still Water	Other Land	Total (col.6 to col.9)	Barren and Unculturable Land	Total (col.10 & col.11)
	2014-15	7843800	7843800	1852676	63715	11426	151653	1043924	1270718	1189599	2460317
	2015-16	7843800	7843800	1852676	63563	11651	148797	1057902	1281913	1199612	2481525
1	Kokrajhar	329600	329600	173465	375	1767	1893	15156	19191	19837	39028
2	Dhubri	217600	217600	29155	282	530	8368	55670	64850	13478	78328
3	Goalpara	182400	182400	39167	2728	452	5741	9612	18533	28872	47405
4	Barpeta	228200	228200	0	6108	109	5430	21239	32886	13871	46757
5	Morigaon	155100	155100	6611	908	191	5670	42924	49693	3569	53262
6	Nagaon	397300	397300	77580	4614	399	14788	26089	45890	13713	59603
7	Sonitpur	520400	520400	162982	461	966	6626	143000	151053	21353	172406
8	Lakhimpur	227700	227700	31108	16905	0	7671	22086	46662	37	46699
9	Dhemaji	323700	323700	59355	128	390	5045	81950	87513	49469	136982
10	Tinsukia	379000	379000	126467	10	830	3401	32537	36778	51894	88672
11	Dibrugarh	338100	338100	21794	1608	172	5571	110522	117873	17126	134999
12	Sivasagar	266800	266800	30465	3054	1012	4572	48320	56958	7798	64756
13	Jorhat	285100	285100	25247	6664	8	16208	44020	66900	8161	75061
14	Golaghat	350200	350200	157642	158	106	3488	11513	15265	6243	21508
15	Karbi Anglong	1043400	1043400	320840	332	0	2050	132471	134853	460231	595084
16	Dima Hasao	488800	488800	67277	0	0	0	0	0	379322	379322
17	Cachar	378600	378600	138409	7039	7	4636	33063	44745	3432	48177
18	Karimganj	180900	180900	48120	3660	874	3360	24976	32870	8845	41715
19	Hailakandi	132700	132700	59007	53	821	3989	7437	12300	4285	16585
20	Bongaigaon	109300	109300	14028	193	20	2721	11881	14815	3543	18358
21	Chirang	192300	192300	71253	140	342	1798	19516	21796	15118	36914
22	Kamrup	310500	310500	86622	3576	1375	5826	41730	52507	14207	66714
23	Kamrup Metro	95500	95500	24683	922	110	758	11300	13090	6177	19267
24	Nalbari	105200	105200	0	2058	117	2289	14265	18729	7445	26174
25	Baksa	245700	245700	50540	868	675	16483	58713	76739	12836	89575
26	Darrang	158500	158500	8863	595	193	4060	14334	19182	14214	33396
27	Udalguri	201200	201200	21996	124	185	6355	23578	30242	14536	44778

= Separate classification of area for Hill Districts are not available. All included under Barren & Unculturable Land.

Source: Directorate of Economics and Statistics, Assam.

TABLE 6.01 CONTD....

(Area in Hect.)

District	Other Uncultivated Land excluding Fallow Land				Fallow Land			Net Area Sown	Total Cropped Area	Area Sown more than once
	Permanent Pastures and other Grazing Land	Land under Misc. Trees groves not included in Net Area Sown	Culturable Waste Land	Total	Fallow Land other than Current Fallow	Current Fallow	Total			
2	13	14	15	16	17	18	19	20	21	22
2014-15	167089	219686	141982	528757	87307	87419	174726	2827324	4082594	1255270
2015-16	166919	221578	137233	525730	88336	94061	182397	2801472	4059934	1258462
Kokrajhar	15115	2561	2857	20533	1862	1060	2922	93652	175047	81395
Dhubri	2180	3035	3840	9055	5700	10417	16117	84945	164083	79138
Goalpara	2794	6981	4929	14704	372	187	559	80565	134643	54078
Barpeta	10156	9851	6849	26856	5459	11673	17132	137455	206137	68682
Morigaon	4278	10853	661	15792	990	4891	5881	73554	129619	56065
Nagaon	14520	8497	10641	33658	4636	3384	8020	218439	316456	98017
Sonitpur	9902	6854	227	16983	1907	3626	5533	162496	270070	107574
Lakhimpur	3370	9672	8095	21137	11505	4608	16113	112643	189056	76413
Dhemaji	15811	18107	17061	50979	3886	1564	5450	70934	123825	52891
Tinsukia	5610	14103	3713	23426	8461	3252	11713	128722	154207	25485
Dibrugarh	4905	12449	8780	26134	4011	5553	9564	145609	167999	22390
Sivasagar	6320	18308	1935	26563	3402	3572	6974	138042	152125	14083
Jorhat	4528	13711	6345	24584	5338	10911	16249	143959	156443	12484
Golaghat	6868	3940	7814	18622	3868	5239	9107	143321	198338	55017
Karbi Anglong	#	#	#	#	#	#	#	127476	209426	81950
Dima Hasao	#	#	#	#	#	#	#	42201	54840	12639
Cachar	8832	21675	16799	47306	2417	1988	4405	140303	165233	24930
Karimganj	3658	7366	1739	12763	1652	2022	3674	74628	85114	10486
Hailakandi	848	3272	525	4645	837	658	1495	50968	71825	20857
Bongaigaon	6191	2249	3018	11458	3734	2293	6027	59429	86341	26912
Chirang	1674	2194	1956	5824	395	582	977	77332	87741	10409
Kamrup	12543	17748	15685	45976	7833	6888	14721	107502	166726	59224
Kamrup Metro	467	2361	360	3188	533	394	927	31096	47504	16408
Nalbari	3813	748	1411	5972	3484	165	3649	69359	113712	44353
Baksa	10091	9671	1451	21213	2590	1596	4186	85536	144249	58713
Darrang	5704	5242	3076	14022	3375	7445	10820	91399	119842	28443
Udalguri	6741	10130	7466	24337	89	93	182	109907	169333	59426

= Separate classification of area for Hill Districts are not available. All included under Barren & Unculturable Land.

Source: Directorate of Economics and Statistics, Assam.

Table 6.3- Operational holdings by class size for All Categories- number and area in Assam, 2010-11

Size Class (in hect.)	No. of Operational Holdings				Area Operated (in Hect.)			
	Individual	Joint	Institutional	Total	Individual	Joint	Institutional	Total
Below 0.5	1276931	1772	832	1279535	384535.93	505.98	213.51	385255.42
(0.5-1.0)	549149	2029	402	551580	387772.33	1491.29	277.41	389541.03
Marginal	1826080	3801	1234	1831115	772308.26	1997.27	490.92	774796.45
(1.0-2.0)	492765	3371	438	496574	681459.63	5058.35	638.21	687156.19
Small	492765	3371	438	496574	681459.63	5058.35	638.21	687156.19
(2.0-3.0)	201076	2288	232	203596	474732.10	5652.44	564.12	480948.66
(3.0-4.0)	98499	1278	155	99932	332155.41	4347.93	530.49	337033.83
Semi Medium	299575	3566	387	303528	806887.51	10000.37	1094.61	817982.49
(4.0-5.0)	48074	735	140	48949	210944.41	3208.78	614.98	214768.17
(5.0-7.5)	30361	704	215	31280	178676.42	4156.68	1356.72	184189.82
(7.5-10.0)	4247	219	174	4640	35087.62	1840.43	1486.19	38414.24
Medium	82682	1658	529	84869	424708.45	9205.89	3457.89	437372.23
(10.0-20.0)	1295	138	428	1861	16040.85	1737.37	6789.28	24567.50
(20.0 & Above)	219	25	2032	2276	8227.08	2120.70	246847.31	257195.09
Large	1514	163	2460	4137	24267.93	3858.07	253636.59	281762.59
All Classes	2702616	12559	5048	2720223	2709631.78	30119.95	259318.22	2999069.95

Sources: State Report on Agricultural Census, 2011-12
Directorate of Economics and Statistics, Assam.

Table 6.3- Operational holdings by class size for SC- number and area in Assam, 2010-11

Size Class (in hect.)	No. of Operational Holdings			Area Operated (in Hect.)		
	Individual	Joint	Total	Individual	Joint	Total
Below 0.5	61230	277	61507	18039.26	74.06	18113.32
(0.5-1.0)	27400	275	27675	19499.16	202.64	19701.8
Marginal	88630	552	89182	37538.42	276.7	37815.12
(1.0-2.0)	29373	380	29753	40111.46	579.08	40690.54
Small	29373	380	29753	40111.46	579.08	40690.54
(2.0-3.0)	11568	238	11806	27711.12	585.3	28296.42
(3.0-4.0)	5751	89	5840	19523.22	307.19	19830.41
Semi Medium	17319	327	17646	47234.34	892.49	48126.83
(4.0-5.0)	2526	47	2573	11114.15	203.61	11317.76
(5.0-7.5)	1767	44	1811	10269.16	257.7	10526.86
(7.5-10.0)	228	14	242	1941.72	110.47	2052.19
Medium	4521	105	4626	23325.03	571.78	23896.81
(10.0-20.0)	63	6	69	796.65	83.14	879.79
(20.0 & Above)	3	0	3	78.65	0	78.65
Large	66	6	72	875.3	83.14	958.44
All Classes	139909	1370	141279	149084.55	2403.19	151487.7

Sources: State Report on Agricultural Census, 2011-12
Directorate of Economics and Statistics, Assam.

Table 6.4- Operational holdings by class size for ST- number and area in Assam, 2010-11

Size Class (in Hect.)	No. of Operational Holdings				Area Operated (in Hect.)			
	Individual	Joint	Institutional	Total	Individual	Joint	Institutional	Total
Below 0.5	160735	547	0	161282	44515.71	153.65	0.00	44669.36
(0.5-1.0)	97822	580	0	98402	70755.91	418.37	0.00	71174.28
Marginal	258557	1127	0	259684	115271.62	572.02	0.00	115843.64
(1.0-2.0)	96820	865	0	97685	134299.14	1287.81	0.00	135586.95
Small	96820	865	0	97685	134299.14	1287.81	0.00	135586.95
(2.0-3.0)	42887	446	0	43333	102879.52	1080.03	0.00	103959.55
(3.0-4.0)	19632	246	0	19878	66550.39	826.64	0.00	67377.03
Semi Medium	62519	692	0	63211	169429.91	1906.67	0.00	171336.58
(4.0-5.0)	10091	158	0	10249	44441.55	694.03	0.00	45135.58
(5.0-7.5)	5894	171	0	6065	34543.02	1010.95	0.00	35553.97
(7.5-10.0)	819	64	0	883	6742.86	524.87	0.00	7267.73
Medium	16804	393	0	17197	85727.43	2229.85	0.00	87957.28
(10.0-20.0)	285	49	0	334	3581.82	613.11	0.00	4194.93
(20.0 & Above)	39	10	0	49	1257.04	420.15	0.00	1677.19
Large	324	59	0	383	4838.86	1033.26	0.00	5872.12
All Classes	435024	3136	0	438160	509566.96	7029.61	0.00	516596.57

Sources: State Report on Agricultural Census, 2011-12
 Directorate of Economics and Statistics, Assam.

Table 6.5- Operational holdings by class size for Others- number and area in Assam, 2010-11

Size Class (in Hect.)	No. of Operational Holdings			Area Operated (in Hect.)		
	Individual	Joint	Total	Individual	Joint	Total
Below 0.5	1054966	948	1055914	321980.96	278.27	322259.23
(0.5-1.0)	423927	1174	425101	297517.26	870.28	298387.54
Marginal	1478893	2122	1481015	619498.22	1148.55	620646.77
(1.0-2.0)	366572	2126	368698	507049.03	3191.46	510240.49
Small	366572	2126	368698	507049.03	3191.46	510240.49
(2.0-3.0)	146621	1604	148225	344141.46	3987.11	348128.57
(3.0-4.0)	73116	943	74059	246081.80	3214.10	249295.90
Semi Medium	219737	2547	222284	590223.26	7201.21	597424.47
(4.0-5.0)	35457	530	35987	155388.71	2311.14	157699.85
(5.0-7.5)	22700	489	23189	133864.24	2888.03	136752.27
(7.5-10.0)	3200	141	3341	26403.04	1205.09	27608.13
Medium	61357	1160	62517	315655.99	6404.26	322060.25
(10.0-20.0)	947	83	1030	11662.38	1041.12	12703.50
(20.0 & Above)	177	15	192	6891.39	1700.55	8591.94
Large	1124	98	1222	18553.77	2741.67	21295.44
All Classes	2127683	8053	2135736	2050980.27	20687.15	2071667.42

Sources: State Report on Agricultural Census, 2011-12
 Directorate of Economics and Statistics, Assam.

Table 6.6- Operational holdings by class size for Institutional Groups- number and area in Assam, 2010-11

Size Class (in hect.)	No. of Operational Holdings	Area Operated (in hect.)
Below 0.5	832	213.51
(0.5-1.0)	402	277.41
Marginal	1234	490.92
(1.0-2.0)	438	638.21
Small	438	638.21
(2.0-3.0)	232	564.12
(3.0-4.0)	155	530.49
Semi-Medium	387	1094.61
(4.0-5.0)	140	614.98
(5.0-7.5)	215	1356.72
(7.5-10.0)	174	1486.19
Medium	529	3457.89
(10.0-20.0)	428	6789.28
(20.0 & Above)	2032	246847.31
Large	2460	253636.59
All Classes	5048	259318.22

Sources: State Report on Agricultural Census, 2011-12

Directorate of Economics and Statistics, Assam.

Table 6.7- Index number of area, production and productivity for food grains and non-food grains for all commodities Assam during 2010-11 to 2016-17 (Base triennium ending 2007-08=100)

Year	Type of Index	Assam			India		
		Food Grains	Non-Food Grains	All Commodities	Food Grains	Non-Food Grains	All Commodities
2010-11	Area	109.79	106.40	107.12	104.4	114.0	109.1
	Production	149.34	106.43	130.25	114.3	128.1	121.0
	Average Yield	136.02	100.03	121.60	109.5	112.2	111.0
2011-12	Area	108.70	111.85	107.55	104.0	116.5	110.2
	Production	140.08	109.42	126.44	119.5	131.2	125.2
	Average Yield	128.87	97.83	117.56	114.8	112.6	113.6
2012-13	Area	106.36	112.07	107.99	102.0	116.2	109.0
	Production	152.29	115.11	135.70	119.4	129.1	124.2
	Average Yield	143.18	102.63	125.66	117.0	111.1	113.9
2013-14	Area	107.06	115.65	108.90	105.6	119.4	112.4
	Production	155.81	123.81	141.56	123.3	136.1	129.6
	Average Yield	145.54	107.09	130.03	116.8	114.0	115.4
2014-15	Area	106.55	118.38	109.10	103.9	120.4	112.0
	Production	157.43	130.24	145.32	116.4	131.5	123.9
	Average Yield	147.76	110.02	133.21	112.1	109.2	110.6
2015-16	Area	105.99	118.28	108.51	103.7	116.1	109.8
	Production	154.54	127.98	142.72	115.2	122.0	116.0
	Average Yield	145.80	108.20	131.52	115.5	105.1	108.2
2016-17(P)	Area	105.23	119.19	108.16	107.6	106.3	107.0
	Production	154.36	131.82	144.33	129.7	122.4	126.1
	Average Yield	146.69	110.59	133.44	120.5	115.2	117.9

P = Provisional.

Source: Directorate of Economics and Statistics, Assam.

Table 6.8- Crop-wise index number of area, production and productivity in Assam, 2016-17
[Base triennium ending 2007-08=100]

Name of Crops	Area	Production	Productivity
Autumn Rice	47.45	65.56	138.15
Winter Rice	114.81	168.28	146.57
Summer Rice	126.40	154.66	122.36
Total Rice	110.30	154.50	140.07
Maize	170.64	684.98	401.42
Wheat	31.13	33.13	106.43
Other Cereals and Small Millets	68.40	83.13	121.54
Total Cereals	104.81	153.95	146.89
Gram	129.82	167.41	128.95
Tur (Arahar)	97.08	116.08	119.57
Other Rabi Pulses	131.25	180.33	137.39
Total Pulses	128.78	175.48	136.26
Total Food Grains	105.23	154.36	146.69
Linseed	65.12	77.79	119.46
Castor	62.36	67.98	109.00
Seasamum	93.54	115.92	123.92
Rape & Mustard	125.22	153.98	122.97
Coconut	109.52	104.37	95.30
Nizer	69.26	75.00	108.29
Total Oil Seeds	114.55	125.13	109.24
Jute	125.56	122.22	97.33
Cotton	64.90	67.24	103.61
Mesta	67.47	79.35	117.62
Total Fibres	123.23	120.48	97.77
Plantation Crops (Tea)	94.73	125.45	132.43
Chillies	127.61	179.66	140.79
Turmeric	134.12	194.08	144.70
Arecanut	98.29	99.00	100.72
Total Condiment & Spices	106.31	120.67	113.50
Potato	141.54	149.34	105.51
Banana	111.97	140.89	125.83
Total Fruits & Vegetables	125.63	144.79	115.26
Sugarcane	121.95	123.21	101.03
Tobacco	45.31	43.40	95.78
Total Miscellaneous Crops	121.45	122.70	101.02
Total Non-Food Crops	119.19	131.82	110.59
All Commodities	108.16	144.33	133.44

N.B.: 1. The Agricultural Indices is constructed only on the basis of crops covered by the Crop Forecast.

2. The Area and Production of Arecanut and Coconut are final estimates for the year 2014-15

Source: Directorate of Economics and Statistics, Assam.

Table 6.9- Area of food and non-food crops in Assam during 2014-15 to 2016-17

(in Hect.)

Name of Crops	2014-15	2015-16	2016-17(P)
Autumn Rice	196188	191322	168044
Winter Rice	1882756	1888683	1890960
Summer Rice	416353	404982	408132
Total Rice	2495297	2484987	2467136
Maize	27953	28420	31333
Wheat	23646	20975	17452
Other Cereals and Small Milletes	5343	6602	4749
Total Cereals	2552239	2540984	2520670
Gram	2094	2193	2429
Tur (Arahar)	6047	6366	5721
Rabi Pulses	140082	133611	138205
Total Pulses	148223	142170	146355
Total Food Grains	2700462	2683154	2667025
Sesamum	12172	11770	11874
Rape and Mustard	281006	285677	294018
Linseed	5619	5272	4970
Castor	941	881	744
Nizer	7152	6534	5975
Coconut	21141	20340	20602
Total Oil Seeds	328031	330474	338183
Cotton	912	921	882
Jute	70403	72128	75140
Mesta	4599	4304	3544
Total Fibres	75914	77353	79566
Banana	51279	51103	49266
Pineapple	16007	16195	16267
Orange	15761	15649	15037
Papaya	7418	7219	6922
Potato	104521	103812	106437
Sweet Potato	6213	5436	5254
Topeoca	3301	3177	3266
Onion	8283	8503	8266
Total Fruits and Vegetables	212783	211094	210715
Arecanut	68038	66739	65102
Chillies	19605	19929	20546
Turmeric	16244	16272	16804
Sugarcane	29900	29460	31383
Tobacco	261	243	227
Total Miscellaneous Crop	134048	132643	134062
All Crops	3451238	3434718	3429551

P = Provisional

Source: Directorate of Economics and Statistics, Assam.

Table 6.10- Production of food and non-food crops in Assam during 2014-15 to 2016-17

(in Tonnes)

Name of Crops	2014-15	2015-16	2016-17(P)
Autumn Rice	280693	256729	228146
Winter Rice	3717906	3727039	3767357
Summer Rice	1224046	1141336	1131872
Total Rice	5222645	5125104	5127375
Maize	93179	87175	91219
Wheat	28769	34263	23454
Other Cereals and Small Milletes	3221	4447	2927
Total Cereals	5347814	5250989	5244975
Gram	1956	1544	1582
Tur (Arahar)	5738	5600	4910
Rabi Pulses	103268	100427	101037
Total Pulses	110962	107571	107529
Total Food Grains	5458776	5358560	5352504
Sesamum	9232	7999	8390
Rape and Mustard	187522	199501	189233
Linseed	3948	3338	3023
Castor	556	407	346
Nizer	4427	3949	3315
Coconut (a)	146786	137736	153508
Total Oil Seeds (Excluding Coconut)	205685	215194	204307
Cotton (b)	428	437	427
Jute (c)	767548	865805	802747
Mesta (c)	25716	28259	21344
Total Fibres	793692	894501	824518
Banana	865669	882706	854853
Pineapple	281271	285165	268915
Orange	202378	210141	203524
Papaya	148857	145476	141752
Potato	783768	694002	777829
Sweet Potato	32858	29339	28584
Topeoca	30090	29139	30050
Onion	32421	80339	81282
Total Fruits and Vegetables	2377312	2356307	2386789
Arecanut (d)	56994	73870	56098
Chillies	17287	17736	18207
Turmeric	15906	16184	16747
Sugarcane (Cane)	1099134	1038329	1207167
Tobacco	138	125	115
Total Miscellaneous Crop	1189459	1146244	1298334

P = Provisional

N.B.: (a) In terms of million nuts; (b) Bales of each 170 Kg., (c) Bales of each 180 Kg; (d) In terms of dry cured nuts.

Source: Directorate of Economics and Statistics, Assam.

Table 6.11- Average yield of food and non-food crops in Assam during 2014-15 to 2016-17

Name of Crops	(Kg. per Hect.)		
	2014-15	2015-16	2016-17(P)
Autumn Rice	1454	1364	1380
Winter Rice	2005	2003	2023
Summer Rice	2940	2818	2773
Total Rice	2119	6185	2105
Maize	3333	3067	2911
Wheat	1217	1633	1344
Other Cereals and Small Milletes	603	674	616
Total Cereals	2095	2067	2107
Gram	935	704	650
Tur (Arahar)	949	879	858
Rabi Pulses	744	752	731
Total Pulses	749	757	735
Total Food Grains	2013	1997	2031
Sesamum	758	680	706
Rape and Mustard	667	698	644
Linseed	702	633	607
Castor	588	457	460
Nizer	619	604	555
Coconut (a)	53	52	59
Total Oil Seeds (Excluding Coconut)	670	664	644
Cotton	79	80	82
Jute	1962	2161	1923
Mesta	1006	1182	1084
Total Fibres	2105	2081	1865
Banana	16882	17273	17352
Pineapple	17572	17608	16531
Orange	12840	13428	13535
Papaya	20067	20151	20478
Potato	7499	6685	7308
Sweet Potato	5289	5398	5440
Topeoca	9116	9173	9201
Onion	3915	9448	9833
Arecanut (a)	126	143	138
Chillies	882	890	886
Turmeric	987	995	997
Sugarcane (Cane)	36760	35246	38466
Tobacco	516	496	501

P = Provisional

N.B.: (a) Nuts per bearing tree.

Source: Directorate of Economics and Statistics, Assam.

Table 6.12- Area under high yielding varieties of Rice in Assam, 2015-16

(Area in Hect.;
Yield:
Kg./Hect.)

District	Autumn Rice		Winter Rice		Summer Rice		Total Area
	Area	Av. Yield	Area	Av. Yield	Area	Av. Yield	
Kokrajhar	20324	2320	54240	2724	19217	2906	93781
Dhubri	-	-	28036	2134	36090	2848	64126
Goalpara	3787	2456	51655	3167	26775	3066	82217
Barpeta	12268	2145	39829	2927	18945	3529	71042
Morigaon	1211	2549	23086	3016	26610	4023	50907
Nagaon	6330	3261	151230	3213	61700	4053	219260
Sonitpur	11220	1828	86807	2777	20870	3194	118897
Lakhimpur	5376	2862	65317	3450	18675	3700	89368
Dhemaji	6145	3314	49875	2982	3006	3803	59026
Tinsukia	3428	2661	38840	2599	78	2671	42346
Dibrugarh	250	2855	34855	3077	550	2870	35655
Sivasagar	-	-	44354	3095	2510	4020	46864
Jorhat	1860	2982	55659	3356	4430	3027	61949
Golaghat	1510	2857	87202	3271	6003	2710	94715
Karbi Anglong	4876	1580	86124	2132	3721	1821	94721
Dima Hasao	-	-	8957	2063	-	-	8957
Cachar	6435	1819	74385	2807	6395	1692	87215
Karimganj	-	2314	-	3221	-	1127	54015
Hailakandi	2025	3507	37067	3223	1456	3106	40548
Bongaigaon	3180	2196	21820	2208	10825	2652	35825
Chirang	2996	1943	35718	2303	3231	2497	41945
Kamrup	-	-	37243	3266	30938		68181
Kamrup Metro	-	-	11333	3266	7293	3151	18262
Nalbari	1604	2968	54040	2646	9556	2680	65200
Baksa	4055	3285	87977	2730	4959	3455	96991
Darrang	2053	1833	42108	2898	6553	2889	50714
Udalguri	25550	1723	62389	2498	6270		94209
Assam	126483	-	1370146	-	336656		1886936

Source: Directorate of Agriculture, Assam.

Table 6.13- Area under high yielding varieties of Rice in Assam, 2016-17

(Area in Hect.; Yield: Kg./Hect.)

District	Autumn Rice		Winter Rice		Summer Rice		Total Area
	Area	Av. Yield	Area	Av. Yield	Area	Av. Yield	
Kokrajhar	16205	2307	55118	2820	19263	3188	90586
Dhubri	-	-	29970	2420	44100	6270	74070
Goalpara	3430	2074	51775	2509	27073	5356	82278
Barpeta	11212	2117	39784	2634	15346	4320	66342
Morigaon	1176	2527	24418	2452	26616	7440	52210
Nagaon	3181	3150	153710	3466	65370	5909	222261
Sonitpur	10174	2525	85296	2557	21650	3092	117120
Lakhimpur	5230	2908	65940	2379	18860	2907	90030
Dhemaji	6205	2677	49902	3626	3017	3134	59124
Tinsukia	3275	2118	39169	2416	188	2990	42632
Dibrugarh	101	1946	47295	2925	682	3180	48078
Sivasagar	-	-	42263	2854	2854	3686	45117
Jorhat	1976	2877	59569	3043	3762	3630	65307
Golaghat	1088	2342	88805	2997	7115	3218	97008
Karbi Anglong	4894	1707	92206	2300	4158	3472	101258
Dima Hasao	-	-	9093	2024	-	-	9093
Cachar	7595	2237	75282	3089	6535	1726	89412
Karimganj	-	2014	-	2540	-	4500	54519
Hailakandi	2010	3214	36909	3344	1334	4573	40253
Bongaigaon	2625	2048	21790	2242	11450	4380	35865
Chirang	2701	2193	36516	2410	1069	3494	40286
Kamrup	-	-	37987	3200	31558	6000	69545
Kamrup Metro	-	-	11559	3200	7439	6000	18998
Nalbari	2192	2238	51656	2324	9652	3199	63500
Baksa	3730	2239	87956	2405	4364	4486	96050
Darrang	1802	2167	44720	2813	5986	4950	52508
Udalguri	16660	2075	70445	2539	7780	4095	94885
Assam	107462	-	1409133	-	347221	-	1918335

Source: Directorate of Agriculture, Assam.

Table 6.14- Area under high yielding varieties of Rice in Assam during 2001-02 to 2016-17

(Area: Lakh Hect.; Yield: Kg./Hect.)

Period	Autumn		Winter		Summer	
	Area	Yield	Area	Yield	Area	Yield
2001-2002	2.5	2006	9.2	2357	2.59	2383
2002-2003	2.53	1842	9.37	2281	2.45	2364
2003-2004	2.16	1642	9.29	2282	2.21	2317
2004-2005	2.22	1851	8.63	2303	2.34	2296
2005-2006	2.35	1866	9.05	2281	2.66	2192
2006-2007	2.02	1686	8.37	1990	2.62	2228
2007-2008	2.23	1858	8.94	2152	2.78	2509
2008-2009	2.24	1959	9.75	2256	3.14	2371
2009-2010	2.29	1683	10.2	2345	3.41	2554
2010-2011	2.13	1465	11.34	2551	3.54	2819
2011-2012	1.86	1470	11.61	2590	3.51	2825
2012-2013	1.6	1558	11.7	2860	3.61	3280
2013-2014	1.43	1585	12.22	3010	2.24	3400
2014-2015	1.28	2620	12.42	2978	3.95	3295
2015-2016	1.26	-	13.7	-	3.37	-
2016-2017	1.07	-	14.09	-	3.47	-

Source: Directorate of Agriculture, Assam.

Table 6.15- District-wise season-wise fertilizers use in Assam, 2016-17

(in Tonne)

District	Kharif				Rabi			
	N	P	K	Total	N	P	K	Total
Kokrajhar	2695.81	502.43	640.00	3838.24	3452.12	1004.02	955.00	5411.14
Dhubri	3870.38	721.34	920.00	5511.72	4956.23	1441.47	1371.09	7768.79
Goalpara	2678.98	499.92	636.80	3815.70	3430.57	997.75	949.03	5377.35
Barpeta	3264.58	608.43	776.00	4649.02	4180.47	1215.85	1156.48	6552.80
Morigaon	3129.96	583.34	744.00	4457.30	4008.08	1165.71	1108.79	6282.58
Nagaon	3533.83	658.61	840.00	5032.44	4525.25	1316.13	1251.86	7093.24
Sonitpur	3129.96	583.34	744.00	4457.30	4008.08	1165.71	1108.79	6282.58
Lakhimpur	2793.41	520.62	664.00	3978.02	3577.11	1040.37	989.57	5607.05
Dhemaji	1649.12	307.35	392.00	2348.47	2111.78	614.19	584.20	3310.17
Tinsukia	2997.09	558.58	712.42	4268.08	3837.93	1116.23	1061.72	6015.88
Dibrugarh	3533.83	658.61	840.00	5032.44	4525.25	1316.13	1251.86	7093.24
Sivasagar	1581.81	294.81	376.00	2252.62	2025.59	589.12	560.36	3175.07
Jorhat	2589.45	482.61	615.52	3687.58	3315.93	964.41	917.32	5197.66
Golaghat	1783.74	332.44	424.00	2540.18	2284.18	664.33	631.89	3580.40
Karbi Anglong	1385.26	258.18	329.28	1972.72	1773.90	515.92	490.73	2780.55
Dima Hasao	1581.81	294.81	376.80	2253.42	2025.59	589.12	560.36	3175.07
Cachar	2860.72	533.16	680.00	4073.88	3663.30	1065.44	1013.41	5742.15
Karimganj	2591.47	482.98	616.00	3690.46	3318.52	965.16	918.03	5201.71
Hailakandi	2638.59	491.76	627.20	3757.56	3378.86	982.71	934.72	5296.29
Bongaigaon	2928.03	545.71	696.00	4169.74	3749.50	1090.50	1037.26	5877.26
Chirang	1381.90	257.55	328.48	1967.92	1769.59	514.67	489.54	2773.80
Kamrup(R+M)	3399.21	633.52	808.00	4840.73	4352.86	1265.99	1204.17	6823.02
Nalbari	3156.58	588.29	750.30	4495.17	4042.04	1175.59	1118.19	6335.82
Baksa	1918.36	357.53	456.00	2731.90	2456.57	714.47	679.58	3850.62
Darrang	2732.83	509.33	649.60	3891.75	3499.53	1017.80	968.11	5485.44
Udalguri	1504.40	280.38	357.60	2142.38	1926.46	560.29	532.94	3019.69
Assam	67311.11	12545.63	16000.00	95856.74	86195.29	25069.08	23845.00	135109.37

Source: Directorate of Agriculture, Assam.

TABLE-6.16: DISTRICT WISE FERTILIZER CONSUMPTION IN ASSAM, 2016-17

(in Tonne)

District	Nitrogen (N)	Phosphorous (P)	Murate of Potash (K)	Total (N+P+K)	Gross cropped area (Hac.)	Per Hect. consumption (Kg)
Kokrajhar	6147.93	1506.45	1595.00	9249.38	174	53.16
Dhubri	8826.61	2162.81	2291.09	13280.51	174	76.32
Goalpara	6109.55	1497.67	1585.83	9193.05	126	72.96
Barpeta	7445.05	1824.28	1932.48	11201.82	121	92.58
Morigaon	7138.04	1749.05	1852.79	10739.88	128	83.91
Nagaon	8059.08	1974.74	2091.86	12125.68	301	40.28
Sonitpur	7138.04	1749.05	1852.79	10739.88	272	39.48
Lakhimpur	6370.52	1560.99	1653.57	9585.07	224	42.79
Dhemaji	3760.90	921.54	976.20	5658.64	122	46.38
Tinsukia	6835.02	1674.81	1774.14	10283.96	144	71.42
Dibrugarh	8059.08	1974.74	2091.86	12125.68	167	72.61
Sivasagar	3607.40	883.93	936.36	5427.69	151	35.94
Jorhat	5905.38	1447.02	1532.84	8885.24	175	50.77
Golaghat	4067.92	996.77	1055.89	6120.58	183	33.45
Karbi Anglong	3159.16	774.10	820.01	4753.27	203	23.42
Dima Hasao	3607.40	883.93	937.16	5428.49	55	98.70
Cachar	6524.02	1598.60	1693.41	9816.03	164	59.85
Karimganj	5909.99	1448.14	1534.03	8892.17	105	84.69
Hailakandi	6017.45	1474.47	1561.92	9053.85	78	116.07
Bongaigaon	6677.53	1636.21	1733.26	10047.00	106	94.78
Chirang	3151.49	772.22	818.02	4741.72	89	53.28
Kamrup(R+M)	7752.07	1899.51	2012.17	11663.75	238	49.01
Nalbari	7198.62	1763.88	1868.49	10830.99	256	42.31
Baksa	4374.93	1072.00	1135.58	6582.52	135	48.76
Darrang	6232.36	1527.13	1617.71	9377.19	146	64.23
Udalguri	3430.86	840.67	890.54	5162.07	160	32.26
Assam	153506.40	37614.71	39845.00	230966.11	4197	55.03

Source: Directorate of Agriculture, Assam.

Table 6.16- Area, production and average yield of major crops in Assam during 2015-16 and 2016-17

Name of Crops	2015-16			2016-17 (Estimated)		
	Area in Hectare	Production in M.T.	Average Yield in Kg/Hect.	Area in Hectare	Production in M.T.	Average Yield in Kg/Hect.
Banana	51103	882706	17273	55424	979342	17670
Pineapple	16195	285165	17608	18743	313236	16712
Orange	15649	210141	13428	17547	236007	13450
Papaya	7219	145476	20152	9578	192757	20125
Assam Lemon	13173	108492	8236	15172	142085	9365
Guava	4361	95615	21925	5566	113251	20347
Litchi	5520	49597	8985	5831	55715	9555
Jackfruit	21997	197203	8965	24165	236333	9780
Mango	4617	46146	9995	5584	58492	10475
Other fruits	4494	35628	7928	4612	44851	9725
Total Fruit Crops	144328	2056169	14247	162222	2372069	14622
Potato	103812	694002	6685	105875	1058220	9995
Sweet potato	5436	29339	5397	10207	55934	5480
Tapeoca	3177	29139	9172	4492	42112	9375
Total Tuber Crops	112425	752480	6693	120574	1156266	9590
Chillies	19929	17736	890	21626	19376	896
Turmeric	16272	16184	995	17059	17025	998
Onion	8503	80339	9448	16752	195053	11644
Ginger	16306	141441	8674	18733	166536	8890
Coriander	28953	29676	1025	10496	78877	7515
Garlic	10269	60843	5925	29714	56010	1885
Black Pepper	3302	6025	1825	3908	8050	2060
Other Spices	5125	5560	1085	5384	6380	1185
Total Spices	108659	357804	3293	123672	547307	4425
Kharif. vegetables	86351	1542229	17860	88830	1642022	18485
Rabi. vegetables	193399	3621009	18723	199306	3774855	18940
Total vegetables	279750	5163238	18457	288136	5416877	18800

Source: Directorate of Horticulture & Food Processing, Assam.