

Agriculture

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Table 7.1: Area under Principal Crops Arunachal Pradesh (A.P.)

('000 ha)

Year	2009-10	2010-11	2011-12	2012-13
Food grains (cereals)				
Rice	122	122	124	126
Maize	44	45	47	47
Small millets	21	22	22	23
Wheat	3	4	4	3
Total Cereals	190	193	197	199
Food grains (pulses)				
Tur	1	1	1	0
Other Pulses	8	8	9	9
Total Pulses	9	9	10	9
Total Food grains	199	201	207	208
Oilseeds				
Ground-nut	1	1	1	1
Sesamum	1	1	1	2
Rapeseed and Mustard	26	27	28	27
Total oilseeds (*)	28	29	30	30
Tea	2	-	-	-
Sugar cane	2	2	2	2
Potato	-	4	5	-
Banana	-	5	6	6
Chillies	-	-	3	7
Ginger	6	7	7	-
Turmeric	-	-	1	1

Sources: 1. Directorate of Economics and Statistics, Ministry of Agriculture. Statistical Year Book, India 2015

2. Tea Board, Ministry of Commerce & Industry

3. Coffee Board, Ministry of Commerce & Industry

4. Rubber Board, Ministry of Commerce & Industry

(*) Relates to the nine number of oilseeds viz., groundnut, sesamum, rapeseed and mustard, linseed, castorseed, nigerseed, safflower, sunflower and soya been.

Note: Totals may not tally due to rounding off of figure.

NE states accounted for 5.1 thousand hectares under coffee production.

Table 7.2: Average Yield of Principal Crops

(kg. per ha)

Year	2009-10	2010-11	2011-12	2012-13
Food grains (cereals)				
Rice	1776.6	1924.8	2064.8	2085.9
Maize	1379.8	1434.6	1473.0	1436.0
Small millets	859.8	925.1	1000.0	1032.4
Wheat	1504.7	1594.6	1756.8	1498.5
Total cereals	1577.0	1691.0	1799.0	1802.0
Food grains (pulses)				
Tur	833.3	833.0	878.8	967.6
Other pulses	1108.0	1024.0	1111.0	1130.0
Total pulses	1089.9	1055.3	1105.3	1122.00
Total Food grains	1555.0	1663.0	1767.0	1772.0
Oilseeds				
Groundnuts	800.0	730.0	882.4	876.4
Sesamum	636.4	727.0	805.3	0.0
Rapeseed & mustard	918.9	893.4	985.0	904.8
Total Oilseeds	926.8	919.8	1015.4	909.4
Tea	16.2	-	-	-
Banana	-	26.0	30.0	-
Sugarcane	18066.7	19333.3	19354.8	19706.5
Potatoes	-	80.0	80.0	-
Chillies	14.2	21.2	-	-
Ginger	73.9	77.9	-	-
Turmeric	40.0	47.7	-	-
Coconut	-	64.1	-	-

Sources:

1. Directorate of Economics and Statistics, Ministry of Agriculture Statistical Year Book, India 2015
2. Tea Board, Ministry of Commerce & Industry
3. Coffee Board, Ministry of Commerce & Industry
4. Rubber Board, Ministry of Commerce & Industry

Table 7.3: Production of Principal Crops

(kg. per ha)

Year	2009-10	2010-11	2011-12	2012-13
Food grains (cereals) ('000 tonnes)				
Rice	216	234	255	263
Maize	60	65	69	68
Small millets	18	20	22	23
Wheat	5	6	7	4
Total cereals	299	325	353	358
Food grains (pulses) ('000 tonnes)				
Tur	1	1	1	-
Other pulses	9	9	10	10
Total pulses	10	10	11	10
Total Food grains	309	335	364	368
Oilseeds ('000 tonnes)				
Sesamum	1	1	1	-
Rapeseed & Mustard	24	24	28	24
Total Oilseeds	25	25	29	24
Tea (million kgs)	4			
Sugarcane (MT)	27	29	30	30
Potatoes (MT)	32	32	40	-
Banana (MT)	13	13	18	18
Chillies (P)	-	-	6	4
Ginger (P)	50	52	53	57
Turmeric (P)	-	-	3	3

P = Provisional

Sources:

1. Directorate of Economics and Statistics, Ministry of Agriculture, Govt. of India Statistical Year Book, India 2015
2. Tea Board, Ministry of Commerce & Industry
3. Coffee Board, Ministry of Commerce & Industry
4. Rubber Board, Ministry of Commerce & Industry

Table 7.4: Gross Area under Irrigation by Crops

('000 ha)

Year	2008-09	2009-10	2010-11	2011-12
Rice	54	51	51	51
Wheat	-	1	1	1
Total Cereals & Millets	54	52	52	52
Total Food Grains	54	52	52	52
Fruits & Vegetables	1	4	4	4
Total Food Crops	56	56	56	57
Total Irrigated Area under all Crops	56	56	56	57

Source: Directorate of Economics and Statistics, Ministry of Agriculture, Govt. of India
Statistical Year Book, India 2015

Table 7.5: Net area under Irrigation by Sources

('000 ha)

Year	2008-09	2009-10	2010-11	2011-12
Other Sources	56	56	56	57
Total	56	56	56	57

Source: Directorate of Economics and Statistics, Ministry of Agriculture
Statistical Year Book, India 2015

Total may not tally due to rounding off of the figures.

Table 7.6: Total Demand and Supply of Quality/Certified Seeds and Supply by Private Sector

2009-10			2010-11			2011-12			Kharif 2012		
Total Demand	Supply by Private Sector	Total Supply	Total Demand	Supply by Private Sector	Total Supply	Total Demand	Supply by Private Sector	Total Supply	Total Demand	Supply by Private Sector	Total Supply
0.12	0.03	0.12	0.11	0.00	0.11	0.12	0.00	0.12	0.08	0.00	0.08

Source: Lok Sabha Unstarred Question No. 2677, dated on 28.08.2012

Table 7.7: Seed Replacement Rate (%) by Crops

Crops	2007-08	2008-09
Paddy	6.80	6.80
Wheat	12.00	15.00
Maize	12.80	12.00
Moong	44.00	45.00
Arhar	65.00	65.00
Urd	44.00	45.00
Peas	19.00	20.00
Mustard	33.00	35.00
Groundnut	47.00	47.00
Soybean	54.00	54.00
Sunflower	74.00	75.00
Til	40.00	40.00

Source: Ministry of Agriculture and Cooperation, Govt. of India. (12542)

Table 7.8: Consumption of Fertilizers

(‘000 tonnes)

Year	2010-11	2011-12	2012-13	2013-14
N	0.52	0.55	0.45	-
P	0.22	0.10	0.03	-
K	0.09	0.03	0.09	-
Total	0.83	0.68	0.57	-

Source: Agricultural Statistics at a glance 2013, 2014
Department of Agriculture and Cooperation, INM Division

Table 7.9: Estimated Consumption of Fertilizer per Hectare

(kg/ha)

Year	2011-12	2012-13	2013-14
N	1.96	1.60	-
P	0.36	0.11	-
K	0.11	0.32	-
Total	2.42	2.03	-

Source: Agricultural Statistics at a glance 2013, 2014; Department of Agriculture and Cooperation, INM Division

Table 7.10: Consumption of Organic Manures and Chemical Fertilizers (2013-2014)

Organic Fertilizers (in Lakh MT)	(in ' 000 MT)			
	Urea	DAP	MOP	Complex
1.00	0.97	0.15	0.25	0.00

Source: Lok Sabha Unstarred Question No. 4462, dated on 21.04.2015

Table 7.11: Estimated Demand of Pesticides

(in M.T.)

Year	2009-10	2010-11	2011-12	Projected Demand 2012-13
	10.00	10.00	17.45	18.50

Source: Lok Sabha Unstarred Question No. 1609, dated on 21.08.2012

Table 7.12: Organic Manure Production/Availability

Year	2008-09	2009-10	2010-11	2011-12
Production*/ Availability (in Lakh Tonne)	0.122	0.1252	0.1261	0.01

Note: *: Total Organic Manures Include Rural Compost, Urban Compost, Farm Yard Manure (FYM), Vermicompost, Green Manuring and Other Manures.

Source: Lok Sabha Starred Question No. 11, dated on 13.03.2012

Lok Sabha Unstarred Question No. 853, dated on 27.11.2012

Table 7.13: Number of Operational Holdings by Size Group, 2010-11

(in ha)

Marginal	21456
Small	19333
Semi Medium	34038
Medium	27941
Large	6530
All Holdings	109298

Source: Department of Agriculture and Cooperation (Agricultural Census 2010-11, Provisional).

Agricultural Statistics at a glance 2013, 2014

Table 7.14: Area of Operational Holdings by Size Group, 2010-11

(in ha)

Marginal	11863
Small	25914
Semi Medium	93944
Medium	154858
Large	97292
All Holdings	383872

Source: Department of Agriculture and Cooperation (Agricultural Census 2010-11, Provisional)
Agricultural Statistics at a glance 2013, 2014

Table 7.15: Average Size of Operational Holdings for All Social Groups

Agricultural Census	2010-2011
Marginal	0.55
Small	1.34
Semi Medium	2.76
Medium	5.54
Large	14.90
All Size Groups	3.51

Source: Agricultural Census 2010-11; Department of Agriculture and Cooperation, Ministry of Agriculture, Govt. of India

Table 7.16: Estimated Number of Rural, Agricultural and Indebted Households

Estimated Number of Rural Households ('00)	1659
Estimated Number Agricultural Households ('00)	1080
Estimated Number of Agricultural Households having loan ('00)	206
% of Agricultural Households Indebted	19.1

Source: NSS KI (70/33): Key Indicators of Situation of Agricultural Households in India
Agricultural Statistics at a glance 2013, 2014

Table 7.17: Comparison of Outlay and Expenditure for Eleventh and Twelfth Plan
(Rs. in Crore at current prices)

Eleventh Plan Outlay	Agricultural and Allied Sector	752
	% of Total Plan	9.5
Eleventh Plan Outlay	Agricultural and Allied Sector	617.71
	% of Total Plan	5.7
Eleventh Plan Outlay	Agricultural and Allied Sector	1114
	% of Total Plan	5.3
Increase in Twelfth Plan over Eleventh Plan Expenditure (%)		80

Source: 12th Plan Document, Planning Commission
Pocket Book of Agricultural Statistics 2014

Table 7.18: Fish and Seed Production

Year	Fish Production		Fish Seed Production	
	Inland (‘000 tonne)	Growth Rate (%)	Fry (in million)	Fingering (in million)
1994-95	1801	-	19.95	6.35
1995-96	1852	-	21	7
1996-97	2002	-	21.8	7.3
1997-98	2130	-	24	7.5
1998-99	2301	-	24.5	8
1999-00	2395	-	24.4	8
2004-05	27.03	-	26.01	9
2005-06	27.3	-	30	9.5
2006-07	27.07	-	30	10
2007-08	27.7	-	26.5	11
2008-09	2.7	-	2.6	10
2009-10	2.65	7.99	29.00	-
2010-11	3.15	18.87	27.20	-
2011-12	3.30	4.76	22.90	-
2012-13	3.71	12.42	4.10	-

Source: Directorate of Economics and Statistics, Govt. of Arunachal Pradesh. (11949) &
Department of Animal Husbandry, Dairying & Fisheries, Ministry of Agriculture, Govt. of India. (ON472)

Table 7.19: Area under Pisciculture

(in ha)

Year	Govt. Fish Farms	People Fish Ponds/Farms	Govt. Beels/Lakes	Private Beels/Lakes	Hatcheries (in Nos.)	Area under Paddy cum Fish Culture	Total Area Developed for Pisciculture	Fingerlings Distributed (In '000 Nos.)
1994-95	29.53	505.17	136.23	25.67	9	1152.00	1848.60	6000
1995-96	31.92	635.27	136.25	22.48	9	1232.00	2057.92	7000
1996-97	38.00	753.00	136.00	23.00	9	1307.00	2257.00	7300
1997-98	31.00	612.00	99.00	8.00	9	872.00	1622	7500
1998-99	31.00	726.00	99.00	8.00	9	902.00	1766	8000
1999-00	31.00	807.00	99.00	8.00	9	967.00	1912	8000
2004-05	31.00	1011.00	99.00	8.00	11	1171.00	2388	9000
2005-06	55.00	6105.00	99.00	8.00	11	1171.00	2400	9500
2006-07	35.69	1100.00	128.8	-	11	1200.00	2465	10000
2007-08	35.69	1146.00	128.80	-	11	1305.00	2615	11000
2008-09	35.69	9070.00	107.00	-	6	1325.00	2700	10000

Source: Directorate of Economics & Statistics, Govt. of Arunachal Pradesh. (11949)

Table 7.20: Funds Released and Utilised under Centrally Sponsored Scheme (CSS) on Development of Inland Fisheries and Agriculture
(in Lakh)

Year						
2007-08		2008-09		2009-10		2010-11
Released	Utilised	Released	Utilised	Released	Utilised	Released
24.00	24.00	24.00	24.00	24.00	0.00	68.00

Source: Lok Sabha Unstarred Question No. 1200, dated on 16.11.2010

Table 7.21: Funds Sanctioned and Released by National Fisheries Development Board (NFDB)
(in Lakh)

Year						
2007-08		2008-09		2009-10		2010-11
Sanctioned	Released	Sanctioned	Released	Sanctioned	Released	Sanctioned
61.94	61.94	443.22	223.43	1059.54	612.66	446.89

Source: Lok Sabha Unstarred Question No. 1200, dated on 16.11.2010

Table 7.22: Distribution of Cold Storages

Year					
2011		2012		2014	
Total Number	Total Capacity (in MT)	Total Number	Total Capacity (in MT)	Total Number	Total Capacity (in MT)
1	5000	1	5000	2	5000

Source: Lok Sabha Starred Question No. 1314, dated on 03.03.2015

Table 7.23: Kisan Credit Cards issued

(in Nos.)

Year	2013	2014
Cooperative Banks	1009	221
Regional Rural Banks	3467	3194
Commercial Banks	28327	28327
Total	32803	31742

Source: Agricultural Statistics at a Glance 2013, 2014

Table 7.24: Functioning Krishi Vigyan Kendras (KVKs) (as on November, 2010)

Number of Krishi Vigyan Kendra (KVKs)	Districts with KVK
12	West Siang, West Kameng, Tirap, Lower Dibang Valley, Lower Subansiri, Papumpare, Upper Siang, East Kameng, Tawang, Lohit, Upper Subansiri, East Siang

Source: Lok Sabha Starred Question No. 291, dated on 30.11.2010

Table 7.25: Growth Rate of Agriculture & Allied Sector

Year	Growth Rate of Agriculture
1996-97	0.59
1997-98	-16.09
1998-99	0.63
1999-00	9.85
2000-01	13.05
2001-02	-5.22
2002-03	-0.68
2003-04	3.69
2004-05	-2.63
2005-06	-2.50
2006-07	9.83
2007-08	12.20
2008-09	-6.93
2009-10	-1.34
2010-11	13.50
2011-12	4.67
2012-13	3.93
2013-14 (P)	2.71
Av. 2005-06 to 2013-14	4.01

Av. = Average

Source: Central Statistical Organisation (CSO); Ministry of Agriculture, Govt. of India. (as on 31-10-2014)

Data book for PC; 22nd December, 2014;

Table 7.26: Growth Rate of Gross State Domestic Product in only Agriculture Sector at Constant Prices

Year	Growth Rate of Gross Domestic Product in Agriculture Sector at Constant Prices
2005-06	-6.03
2006-07	19.35
2007-08	25.60
2008-09	-13.56
2009-10	-1.95
2010-11	25.29
2011-12	8.53
2012-13	6.25
2013-14	3.94
Av. 2005-06 to 2013-14	7.49

Av. = Average

Source: Central Statistical Organisation (CSO); Ministry of Agriculture, Govt. of India.
(as on 31-10-2014)
Data book for PC; 22nd December, 2014