

Agriculture

List of Tables

- 7.1: Area Production and yield of Agricultural Crops in Sikkim (Part-A)
- 7.2: Area Production and yield of Agricultural Crops (Part-B)
- 7.3: Area Production and yield of Agricultural Crops (Part-C)
- 7.4: Area under Principal Crops
- 7.5: Production of Principal Crops
- 7.6: Average Yield of Principal Crops
- 7.7: Gross State Domestic Product (GSDP) from Agriculture and Allied Sector at Constant Prices
- 7.8: Share of Agriculture and Allied Sector in Gross State Domestic Product (GSDP) at Current Prices
- 7.9: Area Irrigated by Crops
- 7.10: National Agricultural Insurance Scheme (NAIS)
- 7.11: Kisan Credit Cards Issued
- 7.12: Classification of Workers
- 7.13: Classification of Cultivators
- 7.14: Details of Operational Holdings by Size Groups
- 7.15: Details of Agricultural Households
- 7.16: Production of Fish
- 7.17: Fish Seed Production

Table 7.1: Area Production and yield of Agricultural Crops in Sikkim (Part-A)

Area ('000 ha) Production (' 000 Tonnes) Yield (kg./ ha)

Year	Rice			Wheat			Maize			Ragi		
	A*	P**	Y***	A*	P**	Y***	A*	P**	Y***	A*	P**	Y***
2007-08	14.0	22.9	1636	4.5	4.5	1000	39.1	62.6	1601	4.4	4.0	909
2008-09	14.7	21.7	1476	5.8	7.8	1345	37.7	58.2	1544	4.4	3.9	886
2009-10	13.0	24.3	1869	5.2	5.9	1135	39.5	66.0	1671	4.3	5.0	1163
2010-11	12.1	21.0	1727	2.7	2.7	1023	40.2	66.2	1648	3.0	2.9	967
2011-12	12.1	20.9	1730	2.5	2.7	1060	40.0	66.2	1657	4.5	4.2	933
2012-13	11.9	21.3	1790	0.5	0.6	1058	40.0	68.0	1700	3.0	3.4	1133
2013-14	11.2	20.3	1815	0.4	0.4	1083	39.9	68.8	1724	3.6	3.5	961

Table 7.2: Area Production and yield of Agricultural Crops (Part-B)

Area ('000 ha) Production ('000 Tonnes) Yield (kg./ ha)

Year	Small Millets			Barley			Kharif Coarse Cereals			Rabi Coarse Cereals		
	A*	P**	Y***	A*	P**	Y***	A*	P**	Y***	A*	P**	Y***
2007-08	5.8	5.3	537	0.7	0.7	1000	49.3	71.9	1458	0.7	0.7	1000
2008-09	3.3	2.8	555	1.1	1.3	1182	45.4	64.9	1430	1.1	1.3	1182
2009-10	2.2	2.0	909	1.0	1.2	1200	46.0	73.0	1587	1.0	1.2	1200
2010-11	4.4	5.1	1150	0.6	0.6	938	47.6	74.2	1559	0.6	0.6	938
2011-12	3.0	2.8	963	0.6	0.6	966	47.4	73.2	1546	0.6	0.6	966
2012-13	6.5	6.3	969	0.6	0.6	1000	49.5	77.7	1569	0.6	0.6	1000
2013-14	3.0	3.0	1003	0.6	0.6	1017	46.5	75.3	1618	0.6	0.6	1017

Table 7.3: Area Production and yield Agricultural Crops (Part-C)

Area ('000 ha) Production (' 000 Tonnes) Yield (kg./ ha)

Year	Soyabean			Total Pulses			Rapeseed & Mustard			Total Oilseeds		
	A*	P**	Y***	A*	P**	Y***	A*	P**	Y***	A*	P**	Y***
2007-08	3.6	3.2	889	12.5	11.6	928	5.0	4.3	860	8.6	7.5	872
2008-09	3.9	3.3	846	12.6	11.8	937	5.8	4.1	707	9.7	7.4	763
2009-10	4.0	4.1	1025	13.2	12.9	977	5.8	5.3	914	9.8	9.4	959
2010-11	4.2	3.7	881	13.2	11.87	899	5.3	4.2	792	9.5	7.9	832
2011-12	3.9	3.5	897	6.5	5.87	903	5.4	4.3	-	9.3	7.8	841
2012-13	-	-	-	6.37	5.83	915	-	-	-	-	-	-
2013-14	-	-	-	6.3	5.83	925	-	-	-	-	-	-

*A=Area; **P= Production; ***Y=Yield

Source (Tables 7.1-7.3): Directorate of Economics and Statistics, Department of Agriculture and Cooperation and Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Govt. of India
<http://eands.dacnet.nic.in/Default.htm> (accessed on 04.01.2016)

Table 7.4: Area under Principal Crops

('000 ha)

Crops	2009-10	2010-11	2011-12	2012-13
Food grains (cereals)				
Rice	13	12	12	12
Maize	40	40	40	40
Ragi	4	3	5	-
Small millets	2	4	3	7
Wheat	5	3	3	1
Barley	1	1	1	1
Total Cereals	65	63	63	60
Food grains(pulses)				
Gram	-	-	-	-
Tur	-	-	-	-
Other Pulses	13	13	7	6
Total Pulses	13	13	7	6
Total Food grains	78	76	69	66
Oilseeds				
Groundnut	-	-	-	-
Sesamum	-	-	-	-
Rapeseed and mustard	6	5	5	4
Linseed	-	-	-	-
Total oilseeds (*)	10	10	9	8
Tea	80	..	-	-
Coffee	-	-
Banana	-	1	2	2
Potato	-	9	10	10
Ginger	7	7	9	9
Turmeric	-	-	1	1

P= Provisional

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

NE states accounted for 5.1 thousand hectares under coffee production.

1. Tea Board, Ministry of Commerce & Industry
2. Coffee Board, Ministry of Commerce & Industry
3. Rubber Board, Ministry of Commerce & Industry

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

Sources : Directorate of Economics and Statistics, Ministry of Agriculture, Govt. of India (Statistical Year Book, India 2015).http://mospi.nic.in/Mospi_New/upload/SYB2015/ch8.html (accessed on 04.01.2016)

Table 7.5: Production of Principal Crops

('000 Tonnes)

Crops	2009-10	2010-11	2011-12	2012-13
Food grains (Cereals)				
Rice	24	21	21	21
Maize	66	66	66	68
Ragi	5	3	4	3
Small millets	2	5	3	6
Wheat	6	3	3	1
Barley	1	1	1	1
Total Cereals	104	99	97	100
Food grains (Pulses)				
Gram	-	-	-	-
Tur	-	-	-	-
Other Pulses	13	12	6	6
Total Pulses	13	12	6	6
Total Food grains	117	111	103	106
Oilseeds				
Groundnut	-	-	-	-
Sesamum	-	-	-	-
Rapeseed and mustard	5	4	4	4
Linseed				
Total oilseeds (*)	9	8	8	7
Tea (million kgs)	-	-	-	-
Coffee (MT)	-	-	-	-
Natural Rubber (MT)				
Banana (000MT)	3	3	4	4
Sugarcane (000MT)	-	-	-	-
Potato (000MT)	44	46	47	49
Chillies (P) (000MT)	-	-	-	-
Ginger (P) (000MT)	36	36	48	52
Turmeric (P) (000MT)	-	-	3	5

P= Provisional

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

NE states accounted for 5.1 thousand hectares under coffee production.

1. Tea Board, Ministry of Commerce & Industry
2. Coffee Board, Ministry of Commerce & Industry
3. Rubber Board, Ministry of Commerce & Industry

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

Sources : Directorate of Economics and Statistics, Ministry of Agriculture, Govt. of India (Statistical Year Book, India 2015).http://mospi.nic.in/Mospi_New/upload/SYB2015/ch8.html (accessed on 04.01.2016)

Table 7.6: Average Yield of Principal Crops

(in kg/ha)

Year	2009-10	2010-11	2011-12	2012-13
Food grains (Cereals)				
Rice	1869.2	1727.3	1729.9	1790.3
Maize	1670.9	1648.0	1657	1700.0
Ragi	1162.8	966.7	932.7	1098.0
Small millets	909.1	1150.3	962.7	969.4
Wheat	1134.6	1022.6	1060.0	1057.7
Barley	1200	937.5	965.5	1000.0
Total Cereals	1601.0	1563.0	1557.0	1682.0
Food grains (Pulses)				
Gram	-	-	-	-
Tur	-	-	-	-
Other Pulses	977	909	857	915
Total Pulses	977.3	899.2	903.1	915
Total Food grains	1496.0	1448.0	1495.0	1608.0
Oilseeds				
Groundnut	-	-	-	-
Sesamum	-	-	-	-
Rapeseed and mustard	913.8	792.5	801	799.1
Linseed	-	-	-	-
Total oilseeds (*)	959.2	831.6	840.7	862.9
Tea	4.0		-	-
Banana	-	30.0	20.0	-
Potato	-	51.1	47.0	-
Ginger	53.2	53.9	-	-
Turmeric	34.3	34.9	-	-

Sources: Directorate of Economics and Statistics, Ministry of Agriculture, Ministry of Agriculture Govt. of India (Statistical Year Book, India 2015).
http://mospi.nic.in/Mospi_New/upload/SYB2015/ch8.html (accessed on 04.01.2016)

Table 7.7: Gross State Domestic Product (GSDP) from Agriculture and Allied Sector at Constant (2004-05) Prices

(Rs Lakh)

Year	GSDP
2004-05	32325
2005-06	33660
2006-07	33690
2007-08	35009
2008-09	36510
2009-10	38056
2010-11	39904
2011-12	55212
2012-13	56405
2013-14	58307

Table 7.8: Share of Agriculture and Allied Sector in Gross State Domestic Product (GSDP) at Current Prices

(Rs Lakh)

Share of Agriculture GSDP	2011-12	2012-13	2013-14
GSDP from Agriculture and Allied	100053	110243	124798
% Share of Agriculture and Allied in Total GSDP	11.23	10.53	10.08
% Growth over Previous Year	-	10.19	13.20

Notes: Agriculture and Allied includes Agriculture, Forestry, Logging and Fishing.

Source: (Tables 7.7-7.8): Central Statistics Office (CSO). (Agricultural Statistics at a Glance, 2014)<http://eands.dacnet.nic.in/PDF/Agricultural-Statistics-At-Glance2014.pdf> (accessed on 10.12.2015)**Table 7.9:** Area Irrigated by Crops

('000 ha)

Crops	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
Rice	8	8	13	13	12	12	11	10	10	10
Maize	0	0	1	1	1	1	1	1	1	1
Wheat			1	1	1	1	1	0	0	0
Total Food-grains	9	9	15	15	15	15	14	13	12	12
Condiments & Spices	2	2	1	1	1	1	1	1	1	1
Fruits & Vegetables (including root crops)	1	1	1	1	1	1	4	6	5	6
Total Food Crops	11	11	17	17	16	17	18	19	18	19
Rape- seed & Mustard			1	1	1	1	1	1	1	1
Total Oilseeds			1	1	1	1	1	1	1	1
Total Non-Food Crops			1	1	1	1	1	1	1	1
Total Irrigated Area under all crops	11	11	19	19	17	18	20	20	19	19

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation and Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Govt. of India .
<http://eands.dacnet.nic.in/Default.htm> (accessed on 04.01.2016)

Table 7.10: National Agricultural Insurance Scheme (NAIS) (Cumulative up to Kharif 2014)

(Rs in lakh)

Details	Values
No. of Farmers Covered	1894
Area Insured (in Ha)	1323.95
Sum Insured	254.03
Farmers' Premium	3.25
State Government Premium (Share)	0.28
GoI Premium (Share)	0.28
Gross Premium	3.80
Claims Reported	1.28
Claims Paid	1.28
No. of Farmers Benefited	86

Note: Kharif 2014 statistics is provisional.

Source: Department of Agriculture and Cooperation, Credit Division, Govt. of India (Agricultural Statistics at a Glance, 2014).

<http://eands.dacnet.nic.in/PDF/Agricultural-Statistics-At-Glance2014.pdf> (accessed on 10.12.2015)

Table 7.11: Kisan Credit Cards Issued

(up to 31 March 2014)

Name of Bank	Card Issued (in No.)
Cooperative Banks	6118
Regional Rural Banks	0
Commercial Banks	10963
Total	17081

Table 7.12: Classification of Workers (2011)

Classification of Workers	Total	Rural	Urban
Total Population	610577	456999	153578
Total Working Population	308138	243785	64353
Total Main Workers	230397	173682	56715
Total Marginal Workers	77741	70103	7638
Total Non-workers	302439	213214	89225
Male Population	323070	242797	80273
Male Working Population	194358	148186	46172
Male Main Workers	160513	119014	41499
Female Population	287507	214202	73305
Female Working Population	113780	95599	18181
Female Main Workers	69884	54668	15216

Table 7.13: Classification of Cultivators (2011)

Classification of Cultivators	Total	Rural	Urban
Cultivators (Main and Marginal)	117401	116532	869
Agricultural Labourers (Main and Marginal)	25986	24880	1106
Male Cultivators (Main and Marginal)	63327	62869	458
Male Agricultural Labourers (Main and Marginal)	12883	12297	586
Female Cultivators (Main and Marginal)	54074	53663	411
Female Agricultural Labourers (Main and Marginal)	13103	12583	520

Source (Tables 7.11 to 7.13): Registrar General of India, Govt. of India (Agricultural Statistics at a Glance, 2014). <http://eands.dacnet.nic.in/PDF/Agricultural-Statistics-At-Glance2014.pdf> (accessed on 10.12.2015)

Table 7.14: Details of Operational Holdings by Size Groups (2010-2011)

(in ha)

Holdings by Size Group	Operational Holdings by Size Group (in No.)	Area of Operational Holdings by Size Group	Average Size of Holdings by Size Group
Marginal	40476	14811	0.37
Small	16941	20397	1.20
Semi-medium	10809	26932	2.49
Medium	5922	32238	5.44
Large	780	12304	15.77
All Holdings	74928	106683	1.42

Note: Totals may not tally due to rounding off.

Source: Department of Agriculture and Cooperation, Credit Division, Govt. of India (Agricultural Statistics at a Glance 2014). <http://eands.dacnet.nic.in/PDF/Agricultural-Statistics-At-Glance2014.pdf> (accessed on 10.12.2015)

Table 7.15: Details of Agricultural Households

Agricultural Households and Indebted	Number
Estimated Number of Rural Households ('00)	1150
Estimated Number of Agricultural Households ('00)	674
Estimated Number of Agricultural Households Having Loan ('00)	97
% of Agricultural Households Indebted	14.4

Source: Directorate of Economics and Statistics, Ministry of Agriculture and Farmers Welfare, Govt. of India (Statistics at a Glance 2014). <http://eands.dacnet.nic.in/PDF/Agricultural-Statistics-At-Glance2014.pdf> (accessed on 10.12.2015)

Table 7.16: Production of Fish

(in tonnes)

Fish	2011-12	2012-13
Marine	0	0
Inland	280	490
Total	280	490

Source: Department of Animal Husbandry, Dairying & Fisheries, Govt. of India (Agricultural Statistics at a Glance 2014).

<http://eands.dacnet.nic.in/PDF/Agricultural-Statistics-At-Glance2014.pdf> (accessed on 07.12.2015)

Table 7.17: Fish Seed Production

(in '000 tonnes)

Year	Fish Seed Production
2002-03	0.14
2003-04	0.14
2004-05	0.14
2005-06	0.15
2006-07	0.15
2007-08	0.18
2008-09	0.17
2009-10	0.17
2010-11	0.18
2010-12	0.28
2012-13	0.49
2013-14(P)	0.42

P: Provisional

Source: Director of Fisheries State Govt. / UT Administrations (Handbook on Fisheries Statistics 2014).

<http://dahd.nic.in/dahd/statistics/fisheries.aspx> (accessed on 07.12.2015)