

# Horticulture

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**Table 8.1:** Area, Production and Productivity of Fruits

Year	Area ('000 ha)	Production(in '000 MT)	Productivity (in MT/ha)
2009-10	27.1	328.3	12.1
2010-11	27.0	211.5	7.8
2011-12	43.7	275.7	6.3
2012-13	37.2	293.0	5.9
2013-14	57.6	343.9	6.0

**Source:** National Horticulture Board, Ministry of Agriculture, Govt. of India (Indian Horticulture Database, 2013, 2014).  
<http://nhb.gov.in/PDFViewer.aspx?enc=3ZOO8K5CzcdC/Yq6HcdIxCOU1kZZenFuNVXacDLx28=>  
 (Accessed on 27.06.2016)

**Table 8.2:** Area and Production of different Fruits, Part-A

[Area in '000 ha; Production in '000 Tonne]

Year		2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
Apple	Area	-	-	-	-	-	-
	Production	-	-	-	-	-	-
Pear	Area	-	-	-	-	0.001	0.007
	Production	-	-	-	-	0.005	0.04
Peach	Area	-	-	-	0.05	0.075	0.12
	Production	-	-	-	0.38	0.577	0.92
Plum	Area	-	-	-	0.12	0.145	0.173
	Production	-	-	-	1.10	1.348	1.61
Pomegranate	Area	-	-	-	0.01	0.01	0.013
	Production	-	-	-	0.02	0.02	0.03
Strawberry	Area	-	-	-	-	0.001	0.143
	Production	-	-	-	-	0.02	2.86
Guava	Area	-	0.4	0.4	0.4	0.4	0.4
	Production	-	2.3	2.4	2.5	2.5	2.6
Litchi	Area	-	0.4	0.4	0.4	0.4	0.5
	Production	-	1.6	1.7	1.7	1.7	1.9
Mango	Area	-	0.7	0.7	0.8	0.8	0.9
	Production	-	2.9	3.1	3.5	3.7	4.2
Pineapple	Area	0.4	1.5	2.7	3.0	4.1	4.9
	Production	6.3	13.6	19.7	22.0	30.1	32.9
Pomegranate	Area	-	-	-	0.0	0.0	0.0
	Production	-	-	0.1	0.0	0.0	0.0
Banana	Area	8.7	10.0	10.1	10.5	10.8	10.9
	Production	207.7	118.6	119.1	127.5	140.9	141.0
Grapes	Area	1.2	1.6	1.9	2.4	2.5	2.5
	Production	18.4	20.4	24.3	20.8	23.9	22.6
Papaya	Area	0.8	0.8	0.9	1.0	1.1	1.3
	Production	20.3	6.8	18.2	23.1	24.6	26.5
Sapota	Area	-	3.4	-	0.0	0.0	0.0
	Production	-	17.0	-	0.0	0.0	0.0

**Source:** Horticulture Statistics Division, Department of Agriculture, Cooperation and Farmers Welfare. Ministry of Statistics & Programme Implementation; Ministry of Agriculture, Govt. of India (Statistical Year Book India, 2016), Government of Mizoram (Economic Survey, 2014-15).

<http://www.mospi.gov.in/statistical-year-book-india/2016>

<http://www.mizofin.nic.in/file/b%2015-16/Mizoram%20Economic%20Survey%202014-15.pdf>

(Accessed on 03.06.2016)

**Table 8.2:** Area and Production of different Fruits, Part-B

[Area in '000 ha; Production in '000 Tonne]

Year		2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
Avocado	Area	-	-	-	0.31	0.32	0.35
	Production	-	-	-	5.08	5.25	5.74
Aonla	Area	-	-	-	0.21	0.275	0.3
	Production	-	-	-	0.9	1.21	1.32
Lime / Lemon	Area	-	-	-	7.93	8	8.07
	Production	-	-	-	25.14	25.6	25.82
Mandarin Orange	Area	-	-	-	8.96	13.508	18.59
	Production	-	-	-	24.1	40.43	55.96
Sweet Orange (Mosambi)	Area	-	-	-	1.5	1.52	1.59
	Production	-	-	-	4.65	4.864	5.09
Custard apple	Area	-	-	-	0.003	0.003	0.003
	Production	-	-	-	0.01	0.01	0.01
Jackfruit	Area	-	-	-	0.05	0.05	0.051
	Production	-	-	-	2.48	2.5	2.55
Kiwi	Area	-	-	-	0.2	0.25	0.29
	Production	-	-	-	0.69	0.875	1.02
Passionate fruit	Area	-	-	-	0.7	0.838	0.986
	Production	-	-	-	1.47	1.94	2.29
Tamarind	Area	-	-	-	0.01	0.01	0.011
	Production	-	-	-	0.02	0.026	0.03

**Source:** Horticulture Statistics Division, Department of Agriculture, Cooperation and Farmers Welfare. Ministry of Statistics & Programme Implementation; Ministry of Agriculture, Govt. of India (Statistical Year Book India, 2016), Government of Mizoram (Economic Survey, 2014-15).

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(Accessed on 03.06.2016)

**Table 8.3:** Area, Production and Productivity of Vegetables

Year	Area ('000 ha)	Production (in '000 MT)	Productivity (in MT/ha)
2008-09	14.4	114.4	7.9
2009-10	10.6	179.1	16.9
2010-11	17.5	115.6	6.6
2011-12	37.4	221.1	5.9
2012-13	39.3	236.7	6.0
2013-14	41.1	254.1	6.2

**Source:** National Horticulture Board, Ministry of Agriculture, Govt. of India

(Indian Horticulture Database, 2011, 2013, 2014).

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(Accessed on 27.06.2016)

**Table 8.4:** Area and Production of different Vegetables, Part-A  
[Area in '000 ha; Production in '000 Tonne]

Year		2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
Brinjal	Area	-	2.0	2.1	2.2	2.3	2.1
	Production	-	12.9	13.5	15.6	16.0	17.1
Cabbage	Area	2.4	2.6	2.8	3.0	3.2	3.7
	Production	44.4	33.6	37.1	40.1	43.3	48.8
Cauliflower	Area	-	0.4	0.4	0.2	0.1	0.1
	Production	-	3.7	4.0	1.5	1.0	1.1
Beans	Area	-	-	-	2.42	2.535	2.621
	Production	-	-	-	5.32	6.084	6.29
Bitter gourd	Area	-	-	-	3.9	4.045	4.902
	Production	-	-	-	20.4	21.84	26.47
Bottle gourd	Area	-	-	-	0.07	0.074	0.078
	Production	-	-	-	0.38	0.407	0.43
Capsicum	Area	-	-	-	0.16	0.2	0.31
	Production	-	-	-	2.1	2.314	3.59
Carrot	Area	-	-	-	0.2	0.17	0.19
	Production	-	-	-	1.47	1.8	2.01
Cucumber	Area	-	-	-	0.4	0.3	0.35
	Production	-	-	-	2.06	2.09	2.44
Muskmelon	Area	-	-	-	0.13	0.12	0.12
	Production	-	-	-	0.3	0.26	0.26
Radish	Area	-	-	-	0.28	0.3	0.32
	Production	-	-	-	0.62	0.69	0.74
Pumpkin/ Sitaphal/Kaddu	Area	-	-	-	0.07	0.125	0.13
	Production	-	-	-	0.02	0.138	0.14
Okra	Area	1.3	2.8	3.0	3.1	3.3	3.6
	Production	8.4	18.7	19.8	20.7	22.4	25.0
Peas	Area	-	0.5	0.5	0.5	0.5	0.5
	Production	-	2.0	2.2	2.1	2.2	2.3
Sweet gourd	Area	-	-	-	0.008	0.013	0.015
	Production	-	-	-	0.07	0.116	0.13

**Source:** Horticulture Statistics Division, Department of Agriculture, Cooperation and Farmers Welfare, Ministry of Statistics & Programme Implementation; Ministry of Agriculture, Govt. of India (Statistical Year Book India, 2016), Government of Mizoram (Economic Survey, 2014-15).

<http://www.mospi.gov.in/statistical-year-book-india/2016>

<http://www.mizofin.nic.in/file/b%2015-16/Mizoram%20Economic%20Survey%202014-15.pdf>

(Accessed on 03.06.2016)

**Table 8.4:** Area and Production of different Vegetables, Part-B  
[Area in '000 Hectare; Production in '000 Tonne]

Year		2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
Tomato	Area	0.6	0.7	0.7	0.8	0.9	1.1
	Production	6.7	6.2	6.4	7.4	8.3	10.1
Onion	Area	-	0.1	0.5	0.4	0.4	1.3
	Production	-	0.7	4.4	4.0	3.7	10.0
Potato	Area	1.5	2.0	0.2	0.3	0.2	0.1
	Production	20.9	2.3	2.5	3.2	3.0	1.4
Sweet Potato	Area	-	0.1	0.1	0.2	0.2	0.2
	Production	-	0.7	0.7	1.1	1.2	1.2
Tapioca	Area	-	0.1	0.1	-	0.1	0.1
	Production	-	0.7	1.0	-	1.9	1.9
Watermelon	Area	-	-	-	0.35	0.30	0.32
	Production	-	-	-	0.10	0.88	0.94
Cowpea	Area	-	-	-	2.55	2.64	2.75
	Production	-	-	-	5.97	6.336	6.6
Chayote	Area	-	-	-	4.5	4.86	4.782
	Production	-	-	-	75.02	80.02	81.92
Snake gourd	Area	-	-	-	0.04	0.045	0.036
	Production	-	-	-	0.02	0.017	0.02
Pakchoi	Area	-	-	-	-	0.02	0.024
	Production	-	-	-	-	0.3	0.36
Knolkhol	Area	-	-	-	0.38	0.4	0.42
	Production	-	-	-	2.74	2.92	3.07
Broccoli	Area	-	-	-	0.72	0.77	0.82
	Production	-	-	-	5.47	5.87	6.25
Others	Area	4.7	-	27.1	28.8	29.9	31.2
	Production	98.7	-	129.5	141.1	151.1	154.8
Others (local Vegetables)	Area	-	-	-	11.46	13.12	13.15
	Production	-	-	-	9.62	10.81	11.7

**Source:** Horticulture Statistics Division, Department of Agriculture, Cooperation and Farmers Welfare. Ministry of Statistics & Programme Implementation; Ministry of Agriculture, Govt. of India (Statistical Year Book India, 2016), Government of Mizoram (Economic Survey, 2014-15).  
<http://www.mospi.gov.in/statistical-year-book-india/2016>  
<http://www.mizofin.nic.in/file/b%2015-16/Mizoram%20Economic%20Survey%202014-15.pdf>  
 (Accessed on 03.06.2016)

**Table 8.5:** Area and Production of various Horticulture Crops

[A=Area in '000 ha; P=Production in '000 Tonne]

Year		2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
Fruits	Area	27.10	27.00	43.68	49.68	57.55	60.27
	Production	328.30	211.50	275.71	292.95	343.90	350.91
Vegetables	Area	10.60	17.50	37.42	39.33	41.10	44.03
	Production	179.10	115.60	221.00	236.68	254.14	273.76
Flowers	Area	-	0.10	0.13	0.16	0.20	0.20
	Production	-	0.00	0.00	166.83	171.57	181.54
Nuts	Area	-	-	-	-	-	-
	Production	-	-	-	-	-	-
Aroma & Medicinal	Area	1.90	1.90	0.02	1.02	1.11	1.10
	Production	13.90	13.90	0.06	0.71	0.90	0.95
Plantation Crops	Area	6.60	6.60	5.03	7.59	7.60	10.78
	Production	8.20	8.20	14.45	4.38	4.40	7.38
Spices	Area	22.70	21.40	20.65	22.47	22.47	23.30
	Production	80.60	110.50	114.98	59.62	59.62	65.72
Mushroom	Production	-	-	-	-	-	-
Honey	Production	-	-	-	-	-	-
Grand Total	Area	68.90	74.50	106.93	120.25	130.03	139.68
	Production	610.10	459.70	626.20	761.16	835.75	882.10

**Source:** Horticulture Statistics Division, Department of Agriculture, Cooperation and Farmers Welfare, Ministry of Statistics & Programme Implementation; Ministry of Agriculture, Govt. of India (Statistical Year Book India, 2016).

<http://www.mospi.gov.in/statistical-year-book-india/2016> (Accessed on 03.06.2016)

**Table 8.6:** Area, Production and Productivity of Flowers

Year	Area ('000 ha)	Production (Loose in '000 MT) & (Cut in Lakh Nos.)	
		Loose	Cut
2008-09	0.2	0.00	168.0
2009-10	0.0	0.00	142.0
2010-11	0.1	0.00	162.0
2011-12	0.1	0.00	349.0
2012-13	0.0	166.8	605.2
2013-14	0.2	171.6	1.2

**Source:** National Horticulture Board, Ministry of Agriculture, Govt. of India (Indian Horticulture Database, 2011, 2013, 2014).

<http://nhb.gov.in/PDFViewer.aspx?enc=3ZO08K5CzcdC/Yq6HcdIxCOU1kZZenFuNVXacDLxz28=> (Accessed on 27.06.2016)

**Table 8.7:**Area and Production of Flowers

[Area = 000'Ha. Production = 000'Mt.]

Crops	2012-2013		2013-2014		2014-2015	
	Area	Production	Area	Production	Area	Production
Anthurium	0.051	141.27	0.36	83.42	0.108	180.67
Rose	0.010	45.8	0.02	60.1	0.03	90.15
Orchids	0.012	0.77	0.02	0.79	0.029	1.15
Gerbera	0.023	32.20	0.023	32.4	0.025	35.22
Carnation	-	-	0.025	23.1	0.025	23.10
Nerine (Dafodil)	-	-	0.03	0.1	0.003	0.10
Others	0.067	166.83	0.071	171.47	0.086	207.70
<b>Total</b>	<b>0.163</b>	<b>386.87</b>	<b>0.311</b>	<b>612.66</b>	<b>0.306</b>	<b>538.08</b>

**Table 8.8:**Area and Production of Roots & Tubers

[Area = 000'Ha. Production = 000'Mt.]

Crops	2012-2013		2013-2014		2014-2015	
	Area	Production	Area	Production	Area	Production
Potato	0.25	3.15	0.24	<b>3</b>	<b>0.25</b>	<b>3.13</b>
Sweet Potato	0.17	1.09	0.19	1.235	0.25	1.63
Tapioca	0.13	1.89	0.13	1.9	0.13	1.90
Colocasia	0.95	6.95	1.01	7.57	1.05	7.88
Others (Telhawng)	0.09	0.56	0.1	0.63	0.12	0.76
<b>Total</b>	<b>1.59</b>	<b>13.64</b>	<b>1.69</b>	<b>14.705</b>	<b>1.8</b>	<b>15.28</b>

**Source** (Tables 8.7-8.8): Planning & Programme Implementation Department, Government of Mizoram (Economic Survey, 2014-15).  
<http://www.mizofin.nic.in/file/b%2015-16/Mizoram%20Economic%20Survey%202014-15.pdf>  
 (Accessed on 10.08.2016)

**Table 8.9:** Area, Production & Productivity of Major Spices

<b>Year</b>	<b>Area (<sup>'000</sup> ha)</b>	<b>Production (<sup>'000</sup> MT)</b>	<b>Productivity (in MT/ha)</b>
2008-09	5.1	24.5	4.8
2009-10	5.1	24.5	4.8
2010-11	21.4	110.5	5.2
2011-12	20.6	115.0	5.6
2012-13	22.5	59.6	2.7
2013-14	22.5	59.6	2.7

**Source:** National Horticulture Board, Ministry of Agriculture, Govt. of India  
(Indian Horticulture Database, 2011, 2013, 2014).  
<http://nhb.gov.in/PDFViewer.aspx?enc=3ZO08K5CzcdC/Yq6HedIxCOU1kZZenFuNVXacDLxz28=>  
(Accessed on 27.06.2016)



**Table 8.10: Area, Production & Average Yield of Important Horticulture Crops**  
 $[A(\text{Area}) = '000 \text{ ha}; P(\text{Production}) = '000\text{MT}; Y(\text{Yield}) = \text{MT/ha}]$

Year	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
Orange	A	5400	4409	5258	5395	6395	8275	6516	8360	8960
	P	18930	26233	33020	34366	11567	10757	19700	22230	24100
	Y	3.50	5.95	6.28	637	1.80	1.30	2.48	2.48	2.65
Banana	A	3384	3820	4520	5020	6220	7220	10040	10090	10540
	P	59287	83046	104818	119676	98800	66424	115360	119060	127534
	Y	17.52	21.74	23.19	23.84	15.88	9.20	9.80	11.49	2.65
Grape	A	18	38	107	276	276	1172	1575	1880	2380
	P	212	447	1521	4217	10416	9962	19609	24300	20801
	Y	11.70	11.70	14.20	15.20	15.50	8.50	11.15	12.45	12.93
Cabbage	A	209	310	275	236	200	2985	2600	2800	3020
	P	3284	4736	4287	3684	5000	38805	33462	37100	40080
	Y	15.70	15.20	15.50	15.60	25.00	13.00	9.00	12.87	13.25
Passion Fruit	A	520	729	929	1109	8944	4084	1522	450	700
	P	1461	2282	3354	4979	44720	13530	6220	900	1470
	Y	2.81	3.13	3.61	4.49	5.00	3.31	4.10	2.00	2.10
Tomato	A	18	20	16	17	17	620	675	700	800
	P	307	304	274	225	298	4960	6075	6420	7390
	Y	16.25	18.80	19.74	23.70	17.50	8.00	9.00	9.17	9.24
Birdseye Chilly	A	673	702	714	792	100	7185	8815	8900	9020
	P	646	687	721	1077	200	24429	48483	9790	8208
	Y	0.96	0.98	1.01	1.36	2.00	3.40	5.50	1.10	0.91
Chow	A	580	583	604	664	714	3200	3500	4000	4500

Chow	P	20,949	19,886	21,593	24,418	26,418	48,000	34,875	56,350	66,500	75,020
	Y	36.10	34.10	35.70	36.80	37.00	15.00	15.50	16.10	16.62	16.67
Turmeric	A	3.20	385	522	535	4175	9625	4500	4780	5580	6050
	P	4528	5509	9735	10074	83500	39862	22500	23900	29240	22990
Ginger	Y	14.15	14.31	18.65	18.83	20.00	4.14	5.00	5.00	5.24	3.80
	A	4481	4532	4654	3426	3587	10391	6200	6500	7010	7280
Anthurium	P	29,582	38,068	45,143	55,432	57,010	34,290	31,000	32,500	34,460	28,390
	Y	6.60	8.39	9.69	16.17	15.89	3.30	5.00	5.00	4.92	3.90
Rose	No. of plants	20,700	35,700	18,5700	3,10,700	2,39,800	2,08,0000	2,08,0000	2,15,0000	1,51,2500	2,35,4500
	No. of cut flowers	86,112	1,79,571	1,02,8778	1,76,1669	1,25,6000	7,50,0000	7,50,0000	7,97,0000	9,07,5000	1,41,2700
Flower/plant	No. of plants	4.16	5.01	5.54	5.67	5.23	3.61	3.61	3.71	6.00	6.00
	No. of cut flowers	15,583	34,958	47,871	82,770	44,768	4,80,000	4,20,000	4,35,000	3,60,000	4,16,363
Flower/plant	No. of cut flowers	1,28,093	3,08,730	7,60,190	1,32,0182	2,50,0000	2,70,0000	2,70,0000	2,88,0000	4,32,0000	4,58,0000
	Flower/plant	8.22	12.37	15.88	15.95	5.58	5.63	6.43	6.62	12.00	11.00

\* Bamboo flowering affected yield per Hectare.

Source: Directorate of Economics & Statistics Government of Mizoram (Statistical Abstract of Mizoram, 2013).  
<http://desmizo.nic.in/file/Abstract2013.pdf> (Accessed on 10.08.2016)