



مركز الإحصاء
STATISTICS CENTRE



Agricultural Statistics 2013

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Foreword

Statistics Centre – Abu Dhabi is pleased to provide decision and policy makers, businessmen, researchers, and all those concerned with agricultural statistics and indicators, with the Fifth edition of the Agricultural Bulletin, which sheds light on and accurately monitors indicators and evidences of the comprehensive agricultural development in the Emirate of Abu Dhabi during 2013, under the wise leadership of H.H. Sheikh Khalifa Bin Zayed Al Nahyan – President of the UAE and Ruler of Abu Dhabi; in addition to the unlimited support of H.H. General Sheikh Mohammed Bin Zayed Al Nahyan – Crown Prince of Abu Dhabi, Deputy Supreme Commander of the Armed Forces, and Chairman of the Executive Council of Abu Dhabi.

The report tackles in detail all aspects of the agricultural sector, whose importance stems from the fact that it consists of a large array of analytical statistics and indicators that assist in pursuing the directives of this sector; in addition to studying them in-depth and analyzing their effect to forecast the future, and develop integrated policies and strategies; in fulfillment of sustainable development of the agricultural sector that corresponds to the Abu Dhabi Vision 2030.

Further, the report consists of many detailed statistical tables that cover numerous agricultural indicators pertinent to all aspects of this sector, in addition to graphs and a summary of the important outcomes.

As we present to you the fifth edition of the Annual Agriculture Bulletin 2013, we look forward to receiving your suggestions and comments to develop this significant annual publication in terms of coverage, quality of data and analysis, in order to offer decision makers and all those concerned with agricultural statistics and indicators of Abu Dhabi agriculture development.

On this occasion, I am pleased to pay tribute to the cooperation of the Abu Dhabi Food Control Authority, Department of Municipal Affairs - Abu Dhabi, Environment Agency - Abu Dhabi and all our strategic partners, government departments and entities that have contributed in providing most of the data used in this bulletin.

Best Regards,

Butti Ahmed Mohammed Bin Butti Al Qubaisi
Director General

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Summary of agricultural indicators

The bulletin consists of a number of statistical tables that include detailed statistical data on the agricultural sector for 2013. The hereunder are key indicators:

Plant production statistics 2013

Indicator	Unit	Value of indicator
Area of agricultural holdings	donum	752,839
Number of agricultural holdings	holding	24,394
Area of working agricultural holdings	donum	736,939
Number of working agricultural holdings	holding	23,683
Crop area with fruit trees	donum	303,084
Crop area with field crops	donum	18,280
Crop area with vegetables (opened field)	donum	12,666
Crop area with vegetables (under protective cover)	donum	3,010
Number of working wells	number	49,273
Total value of loans paid to farmers	1000 AED	4,346

Foreign trade of agricultural commodities 2013

Indicator	Unit	Value of indicator
Value of agricultural commodities imported	1000 AED	7,468,363
Value of agricultural commodities exported	1000 AED	514,640
Value of agricultural commodities re-exported	1000 AED	53,395

Introduction

Economic development relies on the entire economic activities, including the agricultural activity, which is deemed to be a cornerstone for achieving the objectives of the overall development. The agricultural sector is one of the productive sectors contributing to the GDP, in addition to being the main source supplier of food commodities and raw materials required for many of the food industry in the Emirate of Abu Dhabi.

Thus agriculture activity was the first pillar of development, established by the late Sheikh Zayed bin Sultan Al Nahyan - may God rest his soul - and it still enjoys a continuous encouragement of H.H. Sheikh Khalifa Bin Zayed Al Nahyan – President of the UAE; in addition to the support of H.H. General Sheikh Mohammed Bin Zayed Al Nahyan – Crown Prince of Abu Dhabi, Deputy Supreme Commander of the Armed Forces, and Chairman of the Executive Council of Abu Dhabi.

Based on the significance of the agriculture activity and taking into consideration the requirements of the future, it was essential to build an agricultural database using reliable numbers and statistics as it is not possible to achieve further growth without development plans and programs that have specific goals and strategies. Those various plans can't be implemented by any country without accurate, realistic and expressive statistical data.

Therefore, statistical data and information are deemed to be base on which plans are built to develop the agricultural sector. This requires accurate and reliable statistical data that helps decision makers and policy planner to make sound decisions based on a proper scientific planning in all areas, including production, marketing and consumption.

The annual bulletin includes quantitative and qualitative statistical data on the plant production, allowing researchers and students to benefit from the data while planning - by using the past as the foundation- for development and drawing future goals and strategies. The bulletin includes data on the numbers of agricultural plant holdings "farms", size of agricultural land, indicators of crop area and quantities of agricultural production and value.

The methodology of the bulletin adopted the descriptive analysis of agricultural indicators. The bulletin relied on the agricultural data available in various government and private sources involved in the agricultural sector, especially the Abu Dhabi Food Control Authority.

Agricultural statistics is an important source that contributes to the support of the agricultural sector and to help policy and decision-makers to develop future agricultural plans.

1.Plant Production Statistics

1.1 Introduction

Plant production statistics create an overall image of food security showing levels of surplus or shortage in plant products, which accordingly allow drawing plans on policies of foreign trade, in terms of export and import volumes, developing plans of agricultural patterns to reduce the shortage in certain field crops, and the surplus in others.

The agricultural policy aims at enhancing contribution of the agricultural sector to achieve economic development and raise the efficiency in utilizing available agricultural resources technically, economically, and environmentally to attain sustainable development. It also aims to raise the value of agricultural production, support agricultural industries, and increase their GDP contribution; as well as establish equality in development between the agricultural sector, and other economic sectors.

1.2 Plant holdings

Table 1.1 Number and area of plant holdings by region, 1986 to 2013

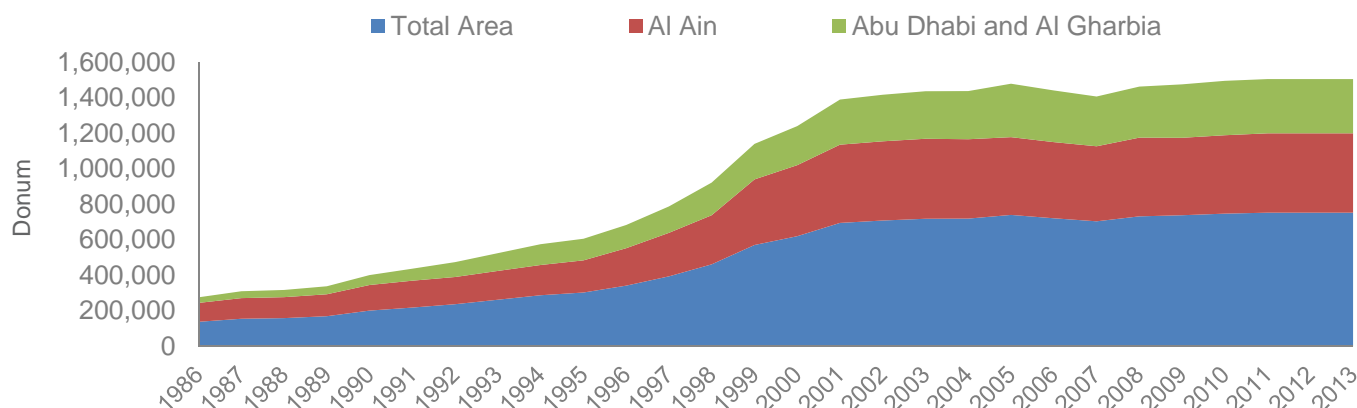
(Area in Donums)

year	Abu Dhabi and Al Gharbia		Al Ain		Total	
	No .of holdings	Area of holdings	No .of holdings	Area of holdings	No .of holdings	Area of holdings
1986	3,027	31,612	2,228	106,244	5,255	137,856
1987	3,520	39,378	2,280	115,680	5,808	155,058
1988	3,585	40,455	2,317	118,115	5,902	158,570
1989	2,197	44,947	2,388	124,037	4,585	168,984
1990	2,747	56,675	3,003	143,978	5,750	200,653
1991	3,219	67,222	3,213	151,070	6,432	218,292
1992	4,113	83,821	3,305	153,322	7,418	237,143
1993	4,976	100,466	3,376	162,000	8,352	262,466
1994	5,455	117,084	3,532	170,370	8,987	287,454
1995	5,718	121,438	3,783	181,162	9,501	302,600
1996	6,200	130,135	4,525	211,350	10,725	341,485
1997	6,762	148,442	5,510	245,317	12,272	393,759
1998	7,843	183,933	6,431	277,252	14,274	461,185
1999	8,487	200,356	9,178	369,856	17,665	570,212
2000	9,179	220,162	10,155	399,981	19,334	620,143
2001	10,551	253,935	11,307	441,031	21,858	694,966
2002	10,739	262,352	11,511	446,463	22,250	708,815
2003	11,192	267,922	11,603	450,722	22,795	718,644
2004	11,382	271,496	11,458	447,613	22,840	719,109
2005	12,175	300,866	11,529	438,820	23,704	739,686
2006	12,076	291,188	11,572	429,463	23,648	720,651
2007	11,497	280,665	11,701	423,083	23,198	703,748
2008	12,264	287,524	11,751	443,988	24,015	731,512
2009	12,315	301,301	11,782	436,656	24,097	737,957
2010	12,396	306,042	11,894	441,637	24,290	747,679
2011	12,409	305,941	11,985	446,898	24,394	752,839
2012	12,409	305,941	11,985	446,898	24,394	752,839
2013*	12,409	305,941	11,985	446,898	24,394	752,839

*Data in 2011, 2012 and 2013 are similar

Source: Abu Dhabi Food Control Authority

Figure 1.1 Historical developments in the total area of plant holdings, 1986 to 2013



Source: Statistics Centre - Abu Dhabi

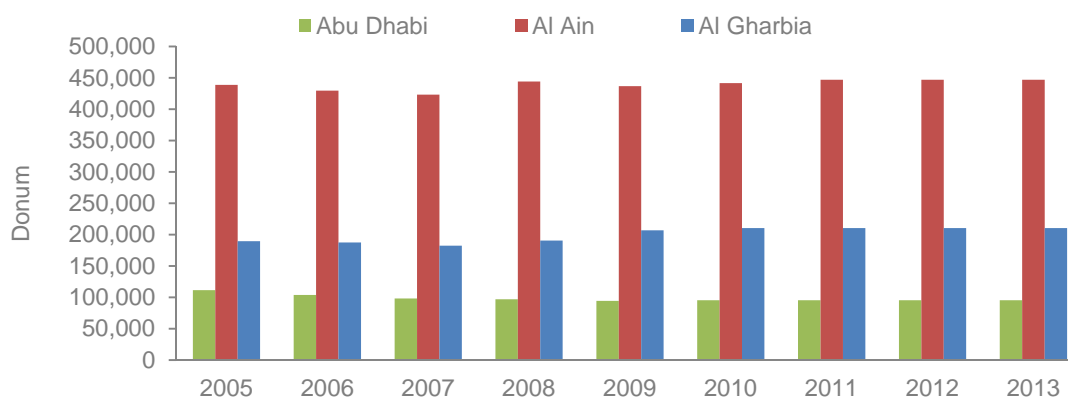
Table 1.2 Number and area of plant holdings by region, 2005 to 2013

(Area in Donums)

Year	Total		Abu Dhabi		Al Ain		Al Gharbia	
	Number	Area	Number	Area	Number	Area	Number	Area
2005	23,704	739,686	4,793	111,452	11,529	438,820	7,382	189,414
2006	23,648	720,651	4,556	103,815	11,572	429,463	7,520	187,373
2007	23,198	703,748	4,072	98,314	11,701	423,083	7,425	182,351
2008	24,015	731,512	3,854	97,045	11,751	443,988	8,410	190,479
2009	24,097	737,957	3,814	94,380	11,782	436,656	8,501	206,921
2010	24,290	747,679	3,837	95,483	11,894	441,637	8,559	210,559
2011	24,394	752,839	3,837	95,483	11,985	446,898	8,572	210,458
2012	24,394	752,839	3,837	95,483	11,985	446,898	8,572	210,458
2013	24,394	752,839	3,837	95,483	11,985	446,898	8,572	210,458

Source: Abu Dhabi Food Control Authority

Figure 1.2 Area of plant holdings by region, 2005 to 2013



Source: Statistics Centre - Abu Dhabi

Table1.3 Number and area of plant holdings by region, 2013

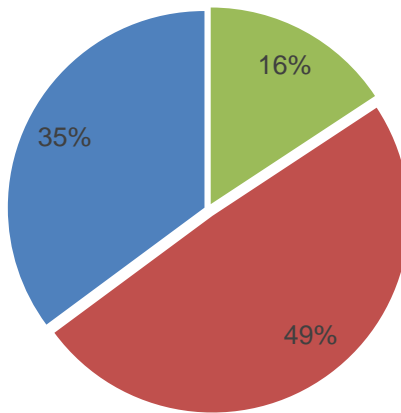
(Area in Donums)

Region	Number of holdings	Area of holdings
Total	24,394	752,839
Abu Dhabi	3,837	95,483
Al Ain	11,985	446,898
Al Gharbia	8,572	210,458

Source: Abu Dhabi Food Control Authority

Figure 1.3 Percentage distribution of number of plant holdings by region, 2013

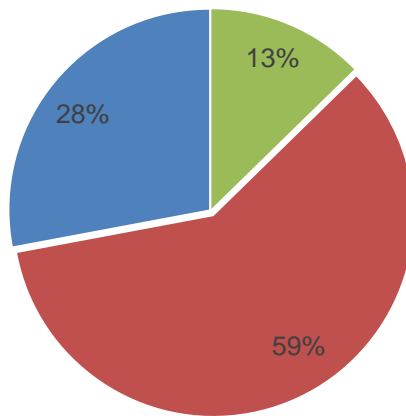
■ Abu Dhabi ■ Al Ain ■ Al Gharbia



Source: Statistics Centre - Abu Dhabi

Figure 1.4 Percentage distribution of area of plant holdings by region, 2013

■ Abu Dhabi ■ Al Ain ■ Al Gharbia



Source: Statistics Centre - Abu Dhabi

Table 1.4 Number and area of plant holdings by region in Abu Dhabi, 2013

(Area in Donums)

Region	No. of farms	Area
Total	3,837	95,483
Al Rahba	2,156	58,183
Al Khatim	1,681	37,300

Source: Abu Dhabi Food Control Authority

Table 1.5 Number and area of plant holdings by region in Al Ain, 2013

(Area in Donums)

Region	No. of farms	Area
Total	11,985	446,898
Abu Kreyah	894	29,737
Al Arad	1,112	36,590
Al Damtha	236	13,270
Al Dhahra	780	25,674
Al Fagah	91	5,215
Al Hayer & Moheir	394	16,932
Al Khazna	793	23,468
Al Oya	634	21,917
Al Qattara	228	13,185
Al Saad	210	6,469
Al Salamat	651	21,305
Al Shewaib	58	6,074
Al Wagan	545	17,497
Al Yahar	72	2,541
Beda Fares	872	29,253
Gumodh	721	25,167
Masakin	122	13,349
Naahal	415	14,262
Remah & Abu Samraa	556	20,610
Seih Bin Ammar	253	24,077
Seih Herez & Al Ajban	1,022	34,105
Seraa	590	19,880
Sweihan	275	11,156
Um Ghafa	86	2,966
Wahat Al Sahara	375	12,199

Source: Abu Dhabi Food Control Authority

1.6 Number and area of plant holdings by region in Al Gharbia, 2013

(Area in Donums)

Region	No of farms	Area
Total	8,572	210,458
Al Dhafra	132	2,473
Al Mirfaa	111	1,110
Al Silaa	116	1,776
Al Tharwaniya	1,931	43,970
Delma	102	1,011
Ghayathi	472	18,217
Hamim	870	18,990
Hassan	1,269	28,872
Madinat Zayed	536	15,338
Muzairaa	1,624	36,896
Seih Al Khair	524	21,006
Um Al Hassan	885	20,799

Source: Abu Dhabi Food Control Authority

1.7 Number and area of plant holdings by area category and region, 2013

(Area in Donums)

Region	Total		Less than 20 donum		20-39 donum		40 - 59 donum		60 donums and more	
	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area
Total	24,394	752,839	3,738	42,176	17,311	512,332	2,920	118,808	425	79,523
Abu Dhabi	3,837	95,483	722	9,721	3,028	79,475	68	3,007	19	3,280
Alan	11,985	446,898	537	8,109	10,742	350,613	351	16,235	355	71,941
Al Gharbia	8,572	210,458	2,479	24,346	3,541	82,244	2,501	99,566	51	4,302

Source: Abu Dhabi Food Control Authority

1.8 Number and area of plant holdings by area category and region in Abu Dhabi, 2013

(Area in Donums)

Region	Total		Less than 20 donum		20-39 donum		40 - 59 donum		60 donums and more	
	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area
Total	3,837	95,483	722	9,721	3,028	79,475	68	3,007	19	3,280
Al Rahba	2,156	58,183	0	0	2,156	58,183	0	0	0	0
Al Khatim	1,681	37,300	722	9,721	872	21,292	68	3,007	19	3,280

Source: Abu Dhabi Food Control Authority

1.9 Number and area of plant holdings by area category and region in Al Ain, 2013

(Area in Donums)

Region	Total		Less than 20 donum		20-39 donum		40 - 59 donum		60 donums and more	
	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area
Total	11,985	446,898	537	8,109	10,742	350,613	351	16,235	355	71,941
Abu Kreyah	894	29,737	9	134	886	29,603	0	0	0	0
Al Arad	1,112	36,590	18	278	1,093	36,219	0	0	1	93
Al Damtha	236	13,270	0	0	210	6,632	5	262	21	6,376
Al Dhahra	780	25,674	0	0	780	25,674	0	0	0	0
Al Fagah	91	5,215	11	174	70	2,303	3	150	7	2,588
Al Hayer & Moheir	394	16,932	66	1,107	266	8,775	29	1,489	33	5,561
Al Khazna	793	23,468	143	2,305	584	18,163	62	2,608	4	392
Al Oya	634	21,917	7	115	624	20,538	1	58	2	1,206
Al Qattara	228	13,185	58	706	82	2,358	56	2,524	32	7,597
Al Saad	210	6,469	9	136	185	5,495	11	508	5	330
Al Salamat	651	21,305	16	299	607	18,890	16	651	12	1,465
Al Shewaib	58	6,074	40	560	9	277	0	0	9	5,237
Al Wagan	545	17,497	14	224	514	16,212	15	610	2	451
Al Yahar	72	2,541	9	91	39	1,239	21	1,010	3	201
Beda Fares	872	29,253	0	0	871	29,169	0	0	1	84
Gumodh	721	25,167	9	144	686	22,038	9	509	17	2,476
Masakin	122	13,349	0	0	73	2,433	11	592	38	10,324
Naahal	415	14,262	2	32	409	13,497	1	50	3	683
Remah & Abu Samraa	556	20,610	15	300	479	15,420	37	1,764	25	3,126
Seih Bin Ammar	253	24,077	52	572	53	1,498	32	1,551	116	20,456
Seih Herez & Al Ajban	1,022	34,105	8	134	1,014	33,971	0	0	0	0
Seraa	590	19,880	0	0	589	19,820	0	0	1	60
Sweihan	275	11,156	0	0	219	7,260	38	1,704	18	2,192
Um Ghafa	86	2,966	46	708	31	1,020	4	195	5	1,043
Wahat Al Sahra	375	12,199	5	90	370	12,109	0	0	0	0

Source: Abu Dhabi Food Control Authority

1.10 Number and area of plant holdings by area category and region in Al Gharbia, 2013

(Area in Donums)

Region	Total		Less than 20 donum		20-39 donum		40 - 59 donum		60 donums and more	
	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area
Total	8,572	210,458	2,479	24,346	3,541	82,244	2,501	99,566	51	4,302
Al Dhafra	132	2,473	109	1,871	22	562	1	40	0	0
Al Mirfaa	111	1,110	111	1,110	0	0	0	0	0	0
Al Silaa	116	1,776	112	1,680	4	96	0	0	0	0
Al Tharwaniya	1,931	43,970	830	7,223	577	14,501	512	21,150	12	1,096
Delma	102	1,011	101	953	0	0	1	58	0	0
Ghayathi	472	18,217	21	248	10	277	440	17,612	1	80
Hamim	870	18,990	260	2,293	437	9,680	172	6,948	1	69
Hassan	1,269	28,872	136	1,303	976	22,002	151	5,129	6	438
Madinat Zayed	536	15,338	143	2,126	118	2,241	269	10,596	6	375
Muzairaa	1,624	36,896	619	5,119	590	14,723	403	16,211	12	843
Seih Al Khair	524	21,006	8	68	17	444	486	19,093	13	1,401
Um Al Hassan	885	20,799	29	352	790	17,718	66	2,729	0	0

Source: Abu Dhabi Food Control Authority

1.11 Number and area of working plant holdings by region, 2011 to 2013

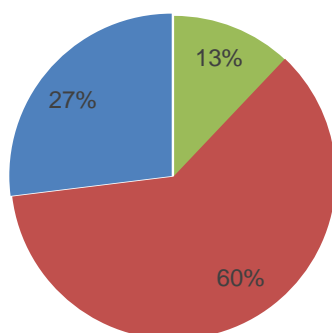
(Area in Donums)

Region	Unit	2011	2012	2013
Total	Number	22,315	23,705	23,683
	Area	704,761	736,939	739,064
Abu Dhabi	Number	3,290	3,859	3,837
	Area	84,970	93,358	95,483
Al Ain	Number	11,549	11,964	11,964
	Area	429,883	442,977	442,977
Al Gharbia	Number	7,476	7,882	7,882
	Area	189,908	200,604	200,604

Source: Abu Dhabi Food Control Authority

Figure 1.5 Percentage distribution of area of working plant holdings by region, 2013

■ Abu Dhabi ■ Al Ain ■ Al Gharbia



Source: Statistics Centre - Abu Dhabi

Table 1.12 Number and area of working plant holdings by region in Abu Dhabi, 2013

(Area in Donums)

Region	No. of farms	Area
Total	3,837	95,483
Al Rahba	2,156	58,183
Al Khatim	1,681	37,300

Source: Abu Dhabi Food Control Authority

Table 1.13 Number and area of working plant holdings by region in Al Ain, 2013

(Area in Donums)

Region	No. of farms	Area
Total	11,964	442,977
Abu Kreyah	894	29,737
Al Arad	1,112	36,617
Al Damtha	229	11,450
Al Dhahra	780	27,300
Al Fagah	91	5,344
Al Hayer & Moheir	394	16,982
Al Khazna	793	23,578
Al Oya	634	20,732
Al Qattara	225	13,077
Al Saad	210	6,485
Al Salamat	650	22,009
Al Shewaib	58	3,190
Al Wagan	545	21,800
Al Yahar	69	2,476
Beda Fares	871	30,485
Gumodh	721	25,190
Masakin	122	6,100
Naahal	415	14,270
Remah & Abu Samraa	556	20,706
Seih Bin Ammar	253	24,366
Seih Herez & Al Ajban	1,016	33,901
Seraa	590	19,885
Sweihan	275	11,206
Um Ghafa	86	2,966
Wahat Al Sahra	375	13,125

Source: Abu Dhabi Food Control Authority

Table 1.14 Number and area of working plant holdings by region in Al Gharbia, 2013
(Area in Donums)

Region	No. of farms	Area
Total	7,882	200,604
Al Dhafra	132	2,396
Al Mirfaa	98	980
Al Silaa	108	1,654
Al Tharwaniya	1,457	36,933
Delma	102	1,011
Ghayathi	472	18,312
Hamim	820	17,960
Hassan	1,175	26,817
Madinat Zayed	649	19,407
Muzairaa	1,624	36,862
Seih Al Khair	509	20,298
Um Al Hassan	736	17,974

Source: Abu Dhabi Food Control Authority

1.3 Agricultural Land Use

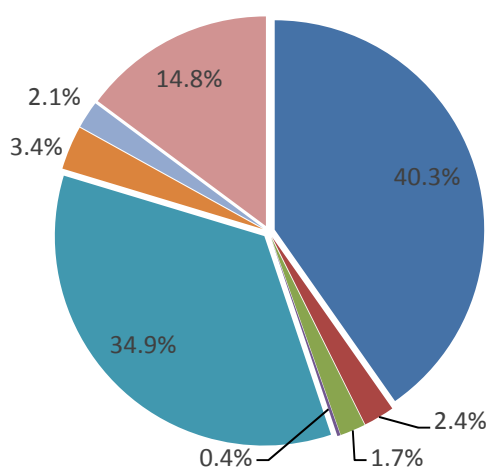
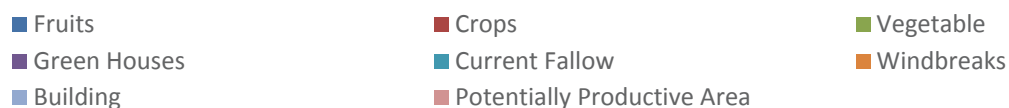
Table 1.15 Area of plant holdings by land use and region, 2013

(Area in Donums)

Item	Abu Dhabi	Al Ain	Al Gharbia	Total
Total	95,483	446,898	210,458	752,839
Fruit Trees	26,210	194,465	82,409	303,084
Field Crops	2,650	15,050	580	18,280
Vegetables Crops (opened field)	6,071	3,395	3,200	12,666
Vegetables Crops((under protective cover)	1,079	1,053	878	3,010
Current Fallow	31,065	155,389	76,261	262,715
Windbreaks	6,260	8,340	10,860	25,460
Building	4,207	7,207	4,566	15,980
Potentially Productive Area	17,941	61,999	31,704	111,644

Source: Abu Dhabi Food Control Authority

Figure 1.6 Percentage distribution of agricultural area by land use, 2013



Source: Statistics Centre - Abu Dhabi

1.4 Fruit trees

Table 1.16 Number and area of fruit trees by type* and region, 2013

(Area in Donums)

Fruit Trees*	Abu Dhabi		Al Ain		Al Gharbia		Total	
	Number	Area	Number	Area	Number	Area	Number	Area
Total	54,875	1,344	69,694	2,431	57,104	1,803	181,674	5,578
Banana	0	0	1,540	47	0	0	1,540	47
Cider Fruit	50,125	1,240	12,997	431	28,129	1,146	91,251	2,817
Figs	300	2	3,958	132	10,369	223	14,627	357
Grapes	0	0	5,369	182	0	0	5,369	182
Guava	400	1	3,071	103	2,249	56	5,720	160
Almond	0	0	1,114	144	0	0	1,114	144
Lemon	3,000	75	19,259	643	11,389	266	33,648	984
Mango	500	12	10,447	350	963	24	11,910	386
Murus Alba	0	0	1,971	69	0	0	1,971	69
Olive	0	0	152	5	0	0	152	5
Orange	250	6	7,203	237	1,790	30	9,243	273
Pomegranate	300	8	2,613	87	2,214	57	5,127	152

Source: Abu Dhabi Food Control Authority

*Excluding Date Palms

Table 1.17 Number and area of fruit trees by type* and region in Abu Dhabi, 2013

(Area in Donums)

Fruit Trees*	Total		Banana		Cider Fruite		Figs		Grapes		Guava		Almond	
	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area
Total	54,876	1,344	0	0	50,125	1,240	300	2	0	0	400	1	0	0
Al Rahba	44,751	1,104	0	0	40,000	1,000	300	2	0	0	400	1	0	0
Al Khatim	10,125	240	0	0	10,125	240	0	0	0	0	0	0	0	0

Source: Abu Dhabi Food Control Authority

*Excluding Date Palms

Contd / 1.17 Number and area of fruit trees by type* and region in Abu Dhabi, 2013

(Area in Donums)

Fruit Trees*	Lemon		Mango		Murus Alba		Olive		Orange		Pomegranate	
	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area
Total	3,001	75	500	12	0	0	0	0	250	6	300	8
Al Rahba	3,001	75	500	12	0	0	0	0	250	6	300	8
Al Khatim	0	0	0	0	0	0	0	0	0	0	0	0

Source: Abu Dhabi Food Control Authority

*Excluding Date Palms

Table 1.18 Number and area of fruit trees by type* and region in Al Ain, 2013

(Area in Donums)

Fruit Trees*	Total		Banana		Cider Fruit		Figs		Grapes		Guava		Almond	
	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area
Total	69,694	2,432	1,540	47	12,997	431	3,958	132	5,369	182	3,071	103	1,114	144
Abu Kreyah	291	10	0	0	120	4	7	0	12	0	29	1	0	0
Al Arad	2,218	73	0	0	24	1	50	2	0	0	0	0	0	0
Al Damtha	1,810	66	49	2	675	22	254	8	20	1	83	3	105	9
Al Dhahra	136	5	0	0	136	5	0	0	0	0	0	0	0	0
Al Fagah	701	24	0	0	254	8	178	6	0	0	37	1	0	0
Al Hayer & Moheir	3,868	134	56	2	168	6	48	3	110	4	690	23	13	3
Al Khazna	2,313	79	0	0	0	0	67	1	0	0	141	5	29	9
Al Oya	1,530	49	0	0	910	30	15	0	5	0	10	0	0	0
Al Qattara	9,289	310	279	9	1,217	40	358	12	4,238	140	133	4	14	4
Al Saad	379	12	0	0	165	6	0	0	0	0	0	0	25	1
Al Salamat	4,616	154	0	0	3,809	127	5	0	0	0	0	0	9	2
Al Shewaib	2,900	95	5	0	96	3	584	19	0	0	69	2	15	2
Al Wagan	209	4	0	0	132	4	5	0	0	0	4	0	0	0
Al Yahar	47	2	0	0	29	1	0	0	0	0	0	0	0	0
Beda Fares	292	8	0	0	134	4	20	1	0	0	7	0	60	11
Gumodh	3,318	115	64	2	614	20	55	2	40	1	169	6	72	10
Masakin	9,591	374	417	14	1,245	42	587	20	475	25	440	15	673	65
Naahal	1,385	48	0	0	150	5	75	2	0	0	50	2	0	0
Remah & Abu Samraa	1,293	46	0	0	601	20	63	2	0	0	45	2	0	0
Seih Bin Ammar	19,558	669	152	5	944	31	1,348	45	429	11	1,090	36	56	23
Seih Herez & Al Ajban	1,110	37	0	0	1,110	37	0	0	0	0	0	0	0	0
Seraa	820	34	5	0	140	5	85	4	28	1	53	2	43	5
Sweihaan	1,445	44	450	10	316	10	119	4	2	1	0	0	0	0
Um Ghafa	576	27	63	3	8	0	35	2	10	0	21	1	0	0
Wahat Al Sahra	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: Abu Dhabi Food Control Authority

*Excluding Date Palms

Contd / 1.18 Number and area of fruit trees by type* and region in Al Ain, 2013

(Area in Donums)

Fruit Trees*	Lemon		Mango		Murus Alba		Olive		Orange		Pomegranate	
	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area
Total	19,259	643	10,447	350	1,971	67	152	5	7,203	237	2,613	87
Abu Kreyah	50	2	22	1	24	1	0	0	0	0	27	1
Al Arad	1,600	53	0	0	14	0	0	0	100	3	430	14
Al Damtha	265	9	75	2	43	2	132	4	90	3	19	0
Al Dhahra	0	0	0	0	0	0	0	0	0	0	0	0
Al Fagah	147	5	20	1	0	0	0	0	65	2	0	0
Al Hayer & Moheir	1,715	57	113	4	125	4	0	0	780	26	50	2
Al Khazna	1,197	40	485	16	38	1	0	0	291	7	65	1
Al Oya	250	8	35	1	0	0	0	0	75	2	230	8
Al Qattara	1,561	52	1,206	40	91	3	0	0	98	3	94	3
Al Saad	120	4	0	0	30	1	0	0	0	0	39	2
Al Salamat	484	16	202	7	18	1	0	0	84	3	5	0
Al Shewaib	864	29	522	15	76	3	0	0	600	20	69	2
Al Wagan	35	1	0	0	6	0	0	0	2	0	25	0
Al Yahar	18	1	0	0	0	0	0	0	0	0	0	0
Beda Fares	41	1	0	0	0	0	0	0	7	0	23	1
Gumodh	1,805	60	67	2	212	7	0	0	156	6	64	2
Masakin	2,036	68	1,049	35	808	27	0	0	1,311	44	550	19
Naahal	300	10	0	0	70	2	0	0	670	22	70	2
Remah & Abu Samraa	384	13	57	3	12	0	0	0	49	2	80	3
Seih Bin Ammar	5,980	199	6,142	205	329	11	0	0	2,610	87	479	16
Seih Herez & Al Ajban	0	0	0	0	0	0	0	0	0	0	0	0
Seraa	158	5	54	3	48	2	9	0	69	3	128	4
Sweihan	120	4	270	9	7	1	0	0	80	2	81	3
Um Ghafa	129	6	128	6	20	1	11	1	66	3	85	4
Wahat Al Sahara	0	0	0	0	0	0	0	0	0	0	0	0

Source: Abu Dhabi Food Control Authority

*Excluding Date Palms

Table 1.19 Number and area of fruit trees by type* and region in Al Gharbia 2013

(Area in Donums)

Region	Total		Banana		Cider Fruit		Figs		Grapes		Guava		Almond	
	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area
Total	57,104	1,803	0	0	28,129	1,146	10,369	223	0	0	2,249	56	0	0
Al Dhafra	1,533	14	0	0	1,533	14	0	0	0	0	0	0	0	0
Al Mirfaa	244	5	0	0	244	5	0	0	0	0	0	0	0	0
Al Silaa	13	0	0	0	0	0	0	0	0	0	0	0	0	0
Al Tharwaniya	491	216	0	0	319	199	11	3	0	0	4	0	0	0
Delma	3,175	103	0	0	245	19	600	22	0	0	400	20	0	0
Ghayathi	1,497	432	0	0	1,233	430	87	1	0	0	7	0	0	0
Hamim	2,411	63	0	0	2,411	63	0	0	0	0	0	0	0	0
Hassan	9,092	103	0	0	7,782	76	350	7	0	0	45	1	0	0
Madinat Zayed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Muzairaa	3,988	153	0	0	2,103	85	749	18	0	0	73	2	0	0
Seih Al Khair	25,820	529	0	0	3,660	75	8,570	172	0	0	1,710	33	0	0
Um Al Hassan	8,841	185	0	0	8,600	180	2	0	0	0	10	0	0	0

Source: Abu Dhabi Food Control Authority

*Excluding Date Palms

Contd / 1.19 Number and area of fruit trees by type* and region in Al Gharbia, 2013

(Area in Donums)

Pomegranate	Lemon		Mango		Murus Alba		Olive		Orange		Pomegranate	
	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area
Total	11,390	264	963	24	0	0	0	0	1,790	30	2,214	57
Al Dhafra	0	0	0	0	0	0	0	0	0	0	0	0
Al Mirfaa	0	0	0	0	0	0	0	0	0	0	0	0
Al Silaa	0	0	0	0	0	0	0	0	0	0	13	0
Al Tharwaniya	110	8	17	2	0	0	0	0	0	0	30	4
Delma	450	10	210	7	0	0	0	0	720	8	550	15
Ghayathi	80	1	0	0	0	0	0	0	40	0	50	0
Hamim	0	0	0	0	0	0	0	0	0	0	0	0
Hassan	600	10	60	2	0	0	0	0	225	4	30	2
Madinat Zayed	0	0	0	0	0	0	0	0	0	0	0	0
Muzairaa	123	24	52	1	0	0	0	0	35	1	853	22
Seih Al Khair	9,850	207	610	12	0	0	0	0	770	17	650	13
Um Al Hassan	177	4	14	0	0	0	0	0	0	0	38	1

Source: Abu Dhabi Food Control Authority

*Excluding Date Palms

Table 1.20 Quantity and value of dates produced, 2010 to 2013

(Quantity: tons, Value: 1000 AED)

Region	Item	2010	2011	2012	2013
Total	Quantity	72,900	76,980	80,461	99,136
	Value	439,873	516,369	548,394	635,171
Abu Dhabi	Quantity	5,175	5,705	2,476	3,207
	Value	33,109	41,319	12,019	16,284
Al Ain	Quantity	45,660	46,955	51,465	62,387
	Value	265,596	298,908	318,182	384,553
Al Gharbia	Quantity	22,065	24,320	26,520	33,542
	Value	141,168	176,142	218,193	234,334

Source: Al Foah Company

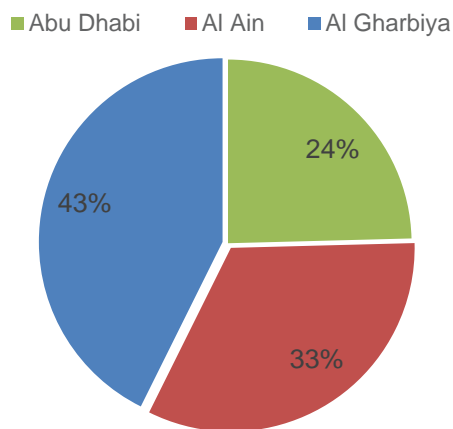
Table 1.21 Number and area of forest trees by type and region, 2013

(Area in Donums)

Type	Abu Dhabi		Al Ain		Al Gharbia		Total	
	Number	Area	Number	Area	Number	Area	Number	Area
Total	252,500	6,260	328,637	8,340	439,053	10,860	1,020,190	25,460
Cider	200,500	4,960	51,863	1,731	131,120	5,717	383,483	12,408
Damas	6,000	150	7,426	177	19,593	372	33,019	699
Ghaf	30,000	750	18,403	448	237,967	3,648	286,370	4,846
Ghwaf	0	0	0	0	3,661	63	3,661	63
Kef Merriam	9,000	225	0	0	8,650	281	17,650	506
Kenyah	0	0	0	0	920	14	920	14
Samar	0	0	0	0	2,265	62	2,265	62
Raaq	7,000	175	102,412	2,042	20,858	516	130,270	2,733
Others	0	0	148,533	3,942	14,019	187	162,552	4,102

Source: Abu Dhabi Food Control Authority

Figure 1.7 Percentage distribution of forest trees area by region, 2013



Source: Statistics Centre - Abu Dhabi

1.5 Field crops

Table 1.22 Crop area, quantity and value of production of field crops by type, 2013

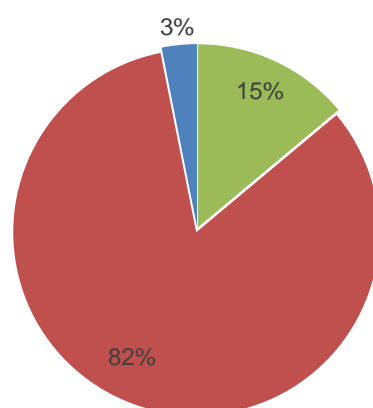
Area in Donums, Quantity in Tons

Type	Area	Quantity	Value (1000 AED)
Total	18,280	34,809	63,008
Dry Corn	18,280	34,809	63,008
Rhodes Green	0	0	0
Others Crops	0	0	0

Source: Abu Dhabi Food Control Authority

Figure 1.8 Percentage distribution of cultivated area of field crops by region, 2013

■ Abu Dhabi ■ Al Ain ■ Al Gharbia



Source: Statistics Centre - Abu Dhabi

Table 1.23 Crop area, quantity and value of production of field crops by type in Abu Dhabi, 2013

Area in Donums, Quantity in Tons

Type	Area	Quantity	Value (1000 AED)
Total	2,650	3,658	10,008
Dry Corn	2,650	3,658	10,008
Rhodes Green	0	0	0
Others Crops	0	0	0

Source: Abu Dhabi Food Control Authority

Table 1.24 Crop area, quantity and value of production of field crops by type in Al Ain, 2013

Area in Donums, Quantity in Tons

Type	Area	Quantity	Value (1000 AED)
Total	15,050	30,426	51,017
Dry Corn	15,050	30,426	51,017
Rhodes Green	0	0	0
Others Crops	0	0	0

Source: Abu Dhabi Food Control Authority

Table1.25 Crop area, quantity and value of production of field crops by type in Al Gharbia, 2013

Area in Donums, Quantity in Tons

Type	Area	Quantity	Value (1000 AED)
Total	580	725	1,983
Dry Corn	580	725	1,983
Rhodes Green	0	0	0
Others Crops	0	0	0

Source: Abu Dhabi Food Control Authority

1.26 Crop and value of production of field crops by region, 2013

Quantity in Tons, Value in 1000 AED

Region	Quantity of production	Value of production
Total	34,809	63,008
Abu Dhabi	3,658	10,008
Al Ain	30,426	51,017
Al Gharbia	725	1,983

Source: Abu Dhabi Food Control Authority

1.6 Vegetables Crops

Table 1.27 Crop area, quantity and value of production of vegetables by type of crop, 2013

Type	Area (Donums)	Quantity (Tons)	Value (1000 AED)
Total	15,676.0	47,749.0	78,621.4
Tomato	2,297.0	6,863.0	12,057.1
Beans	675.0	299.0	1,484.7
Beet	20.0	7.0	7.6
Cabbage	983.0	3,887.0	4,353.4
Cucumber	3,935.0	19,341.0	29,012.0
Carrot	61.0	128.0	154.0
Cauliflower	422.0	799.0	1,217.4
Mallow	9.0	11.0	17.4
Hot Pepper	234.0	961.0	1,249.0
Sweet Pepper	1,690.0	5,819.0	11,387.0
Egg Plant	552.0	1,697.0	2,638.3
Green beans	7.0	24.0	122.0
Marrow	1,079.0	1,127.0	2,414.7
Dry Onion	770.0	341.0	1,057.1
Sweet Corn	197.0	754.0	2,448.5
Sweet Melon	44.0	12.0	24.2
Turnip	1.0	3.0	3.9
Water Melon	600.0	1,240.0	1,643.9
Coriander	63.0	225.0	229.4
Parsley	14.0	7.5	12.2
Potato	1,586.0	3,647.0	6,050.0
Okra	10.0	12.0	51.6
Broccoli	30.0	46.0	85.3
Lettuce	36.0	22.0	47.6
Pumpkin	0.0	0.0	0.0
Spinach	2.0	7.5	9.2
Radish	2.0	2.0	6.6
Garden Rocket	82.0	107.0	224.7
Others	275.0	360.0	612.6

Source: Abu Dhabi Food Control Authority

Table 1.28 Crop area, quantity and value of production of vegetables by type of crop in Abu Dhabi, 2013

Type	Area (Donums)	Quantity (Tons)	Value (1000 AED)
Total	7,149.5	21,076.9	35,104.8
Tomato	1,068.6	3,203.9	5,629.8
Beans	333.6	124.1	601.4
Beet	5.1	1.1	1.8
Cabbage	232.0	925.9	1,043.8
Cucumber	1,473.5	7,011.3	10,372.8
Carrot	41.0	88.0	109.2
Cauliflower	108.0	214.5	308.3
Mallow	6.0	5.4	12.6
Hot Pepper	48.3	124.3	183.4
Sweet Pepper	1,105.0	4,076.0	8,114.8
Egg Plant	100.0	281.0	428.3
Green beans	0.0	0.0	0.0
Marrow	306.5	255.8	547.7
Dry Onion	338.4	119.7	354.2
Sweet Corn	47.0	186.5	598.6
Sweet Melon	26.1	7.2	15.2
Turnip	0.0	0.0	0.0
Water Melon	475.3	1,046.0	1,371.9
Coriander	22.7	94.5	92.8
Parsley	1.0	1.1	1.6
Potato	1,197.4	3,046.0	4,861.5
Okra	0.0	0.0	0.0
Broccoli	16.2	25.4	48.5
Lettuce	14.0	16.0	33.5
Pumpkin	0.0	0.0	0.0
Spinach	2.0	7.5	9.2
Radish	1.0	1.0	3.2
Garden Rocket	39.3	43.7	82.5
Others	141.5	171.0	278.1

Source: Abu Dhabi Food Control Authority

Table 1.29 Crop area, quantity and value of production of vegetables by type of crop in Al Ain, 2013

Type	Area (Donums)	Quantity (Tons)	Value (1000 AED)
Total	4,448.3	13,692.5	21,930.7
Tomato	768.6	2,154.2	2,988.0
Beans	255.6	115.4	583.7
Beet	13.1	4.9	5.2
Cabbage	230.0	878.5	1,000.5
Cucumber	1,218.3	6,345.4	9,648.9
Carrot	4.0	10.0	12.9
Cauliflower	70.0	133.1	208.4
Mallow	2.0	3.6	3.1
Hot Pepper	107.0	498.0	646.8
Sweet Pepper	380.0	1,121.5	2,087.0
Egg Plant	292.0	1,078.3	1,640.7
Green beans	7.0	24.0	122.0
Marrow	366.5	470.8	1,006.3
Dry Onion	228.4	110.1	340.8
Sweet Corn	54.0	205.5	665.5
Sweet Melon	2.0	1.5	4.1
Turnip	0.0	0.0	0.0
Water Melon	30.0	26.0	36.9
Coriander	17.2	52.2	61.3
Parsley	11.2	4.3	7.1
Potato	278.0	362.0	670.1
Okra	5.3	7.0	30.3
Broccoli	11.8	16.1	30.8
Lettuce	14.0	5.0	11.8
Pumpkin	0.0	0.0	0.0
Spinach	0.0	0.0	0.0
Radish	1.0	1.0	3.4
Garden Rocket	3.2	6.1	11.6
Others	78.0	58.0	103.6

Source: Abu Dhabi Food Control Authority

Table 1.30 Crop area, quantity and value of production of vegetables by type of crop in Al Gharbia, 2013

Type	Area (Donums)	Quantity (Tons)	Value (1000 AED)
Total	4,078.2	12,979.6	21,585.9
Tomato	459.8	1,504.9	3,439.3
Beans	85.7	59.5	299.6
Beet	1.9	1.0	0.6
Cabbage	521.0	2,082.6	2,309.1
Cucumber	1,243.2	5,984.3	8,990.3
Carrot	16.0	30.0	31.9
Cauliflower	244.0	451.4	700.7
Mallow	1.0	2.0	1.7
Hot Pepper	78.7	338.7	418.8
Sweet Pepper	205.0	621.5	1,185.2
Egg Plant	160.0	337.7	569.3
Green beans	0.0	0.0	0.0
Marrow	406.0	400.4	860.7
Dry Onion	203.2	111.2	362.1
Sweet Corn	96.0	362.0	1,184.4
Sweet Melon	15.9	3.3	4.9
Turnip	1.0	3.0	3.9
Water Melon	94.7	168.0	235.1
Coriander	23.1	78.3	75.3
Parsley	1.8	2.1	3.5
Potato	110.6	239.0	518.4
Okra	4.4	5.0	21.3
Broccoli	2.0	4.5	6.0
Lettuce	8.0	1.0	2.3
Pumpkin	0.0	0.0	0.0
Spinach	0.0	0.0	0.0
Radish	0.0	0.0	0.0
Garden Rocket	39.5	57.2	130.6
Others	55.5	131.0	230.9

Source: Abu Dhabi Food Control Authority

Table 1.31 Crop area, quantity and value of production of vegetables in opened field (exposed land) by type of crop, 2013

Type	Area (Donums)	Quantity (Tons)	Value (1000 AED)
Total	12,665.8	35,392.0	58,558.5
Tomato	2,054.0	5,920.0	10,402.3
Beans	589.0	212.0	1,052.1
Beet	20.0	7.0	7.6
Cabbage	844.0	3,317.0	3,720.2
Cucumber	2,207.0	10,645.0	15,162.0
Carrot	61.0	128.0	154.0
Cauliflower	382.0	701.0	1,067.2
Mallow	6.0	6.0	10.0
Hot Pepper	110.0	438.0	486.0
Sweet Pepper	1,687.0	5,811.0	11,370.0
Egg Plant	403.0	1,103.0	1,715.2
Green beans	7.0	24.0	122.0
Marrow	984.0	1,010.0	2,174.1
Dry Onion	690.0	258.0	799.8
Sweet Corn	197.0	754.0	2,448.5
Sweet Melon	44.0	12.0	24.2
Turnip	1.0	3.0	3.9
Water Melon	600.0	1,240.0	1,643.9
Coriander	28.0	94.0	101.0
Parsley	14.0	7.5	12.2
Potato	1,432.0	3,315.0	5,389.2
Okra	9.7	12.0	51.6
Broccoli	19.0	29.0	54.4
Lettuce	24.0	4.0	9.7
Pumpkin	0.0	0.0	0.0
Spinach	2.0	7.5	9.2
Radish	2.0	2.0	6.6
Garden Rocket	2.0	6.0	7.4
Others	247.0	326.0	554.2

Source: Abu Dhabi Food Control Authority

Table 1.32 Crop area, quantity and value of production of vegetables in opened field (exposed land) by type of crop in Abu Dhabi, 2013

Type	Area (Donums)	Quantity (Tons)	Value (1000 AED)
Total	6,070.9	16,679.4	28,083.9
Tomato	938.0	2,695.1	4,702.0
Beans	323.6	115.4	562.9
Beet	5.1	1.1	1.8
Cabbage	195.0	776.4	873.1
Cucumber	803.5	3,759.4	5,302.0
Carrot	41.0	88.0	109.2
Cauliflower	79.0	145.2	210.2
Mallow	4.0	2.0	7.4
Hot Pepper	27.3	33.6	36.4
Sweet Pepper	1,104.0	4,073.0	8,108.8
Egg Plant	84.0	223.0	336.2
Green beans	0.0	0.0	0.0
Marrow	292.5	233.7	492.3
Dry Onion	298.4	80.7	242.3
Sweet Corn	47.0	186.5	598.6
Sweet Melon	26.1	7.2	15.2
Turnip	0.0	0.0	0.0
Water Melon	475.3	1,046.0	1,371.9
Coriander	5.0	20.1	22.0
Parsley	1.0	1.1	1.6
Potato	1,173.4	3,005.0	4,785.2
Okra	0.0	0.0	0.0
Broccoli	13.2	20.3	38.5
Lettuce	3.0	1.0	2.3
Pumpkin	0.0	0.0	0.0
Spinach	2.0	7.5	9.2
Radish	1.0	1.0	3.2
Garden Rocket	1.0	3.1	3.2
Others	127.5	154.0	248.3

Source: Abu Dhabi Food Control Authority

Table 1.33 Crop area, quantity and value of production of vegetables in opened field (exposed land) by type of crop in Al Ain, 2013

Type	Area (Donums)	Quantity (Tons)	Value (1000 AED)
Total	3,394.8	8,969.0	14,237.8
Tomato	702.6	1,908.9	2,545.7
Beans	222.6	81.4	416.5
Beet	13.1	4.9	5.2
Cabbage	184.0	684.1	789.2
Cucumber	615.3	3,105.0	4,476.2
Carrot	4.0	10.0	12.9
Cauliflower	63.0	115.9	180.5
Mallow	1.0	2.0	0.9
Hot Pepper	52.0	286.2	324.8
Sweet Pepper	380.0	1,121.5	2,087.0
Egg Plant	214.0	592.3	921.0
Green beans	7.0	24.0	122.0
Marrow	328.5	429.8	925.0
Dry Onion	206.4	86.1	259.8
Sweet Corn	54.0	205.5	665.5
Sweet Melon	2.0	1.5	4.1
Turnip	0.0	0.0	0.0
Water Melon	30.0	26.0	36.9
Coriander	15.0	45.0	53.0
Parsley	11.2	4.3	7.1
Potato	193.0	164.0	260.1
Okra	5.3	7.0	30.3
Broccoli	5.8	8.7	15.9
Lettuce	13.0	2.0	5.1
Pumpkin	0.0	0.0	0.0
Spinach	0.0	0.0	0.0
Radish	1.0	1.0	3.4
Garden Rocket	1.0	2.9	4.2
Others	70.0	49.0	85.5

Source: Abu Dhabi Food Control Authority

Table 1.34 Crop area, quantity and value of production of vegetables in opened field (exposed land) by type of crop in Al Gharbia, 2013

Type	Area (Donums)	Quantity (Tons)	Value (1000 AED)
Total	3,200.0	9,743.6	16,236.8
Tomato	413.4	1,316.0	3,154.6
Beans	42.7	15.2	72.7
Beet	1.9	1.0	0.6
Cabbage	465.0	1,856.5	2,057.9
Cucumber	788.2	3,780.6	5,383.8
Carrot	16.0	30.0	31.9
Cauliflower	240.0	439.9	676.5
Mallow	1.0	2.0	1.7
Hot Pepper	30.7	118.2	124.8
Sweet Pepper	203.0	616.5	1,174.2
Egg Plant	105.0	287.7	458.0
Green beans	0.0	0.0	0.0
Marrow	363.0	346.5	756.8
Dry Onion	185.2	91.2	297.7
Sweet Corn	96.0	362.0	1,184.4
Sweet Melon	15.9	3.3	4.9
Turnip	1.0	3.0	3.9
Water Melon	94.7	168.0	235.1
Coriander	8.0	28.9	26.0
Parsley	1.8	2.1	3.5
Potato	65.6	146.0	343.9
Okra	4.4	5.0	21.3
Broccoli	0.0	0.0	0.0
Lettuce	8.0	1.0	2.3
Pumpkin	0.0	0.0	0.0
Spinach	0.0	0.0	0.0
Radish	0.0	0.0	0.0
Garden Rocket	0.0	0.0	0.0
Others	49.5	123.0	220.4

Source: Abu Dhabi Food Control Authority

Table 1.35 Crop area, quantity and value of production of vegetables under protective cover by type of crop, 2013

Type	Area (Donums)	Quantity (Tons)	Value (1000 AED)
Total	3,010.0	12,357.0	20,062.9
Tomato	243.0	943.0	1,654.8
Beans	86.0	87.0	432.6
Beet	0.0	0.0	0.0
Cabbage	139.0	570.0	633.2
Cucumber	1,728.0	8,696.0	13,850.0
Carrot	0.0	0.0	0.0
Cauliflower	40.0	98.0	150.2
Mallow	3.0	5.0	7.4
Hot Pepper	124.0	523.0	763.0
Sweet Pepper	3.0	8.0	17.0
Egg Plant	149.0	594.0	923.1
Green beans	0.0	0.0	0.0
Marrow	95.0	117.0	240.6
Dry Onion	80.0	83.0	257.3
Sweet Corn	0.0	0.0	0.0
Sweet Melon	0.0	0.0	0.0
Turnip	0.0	0.0	0.0
Water Melon	0.0	0.0	0.0
Coriander	35.0	131.0	128.4
Parsley	0.0	0.0	0.0
Potato	154.0	332.0	660.8
Okra	0.0	0.0	0.0
Broccoli	11.0	17.0	30.9
Lettuce	12.0	18.0	37.9
Pumpkin	0.0	0.0	0.0
Spinach	0.0	0.0	0.0
Radish	0.0	0.0	0.0
Garden Rocket	80.0	101.0	217.3
Others	28.0	34.0	58.4

Source: Abu Dhabi Food Control Authority

Table 1.36 Crop area, quantity and value of production of vegetables under protective cover by type of crop in Abu Dhabi, 2013

Type	Area (Donums)	Quantity (Tons)	Value (1000 AED)
Total	1,078.6	4,397.5	7,020.9
Tomato	130.6	508.8	927.8
Beans	10.0	8.7	38.5
Beet	0.0	0.0	0.0
Cabbage	37.0	149.5	170.7
Cucumber	670.0	3,251.9	5,070.8
Carrot	0.0	0.0	0.0
Cauliflower	29.0	69.3	98.1
Mallow	2.0	3.4	5.2
Hot Pepper	21.0	90.7	147.0
Sweet Pepper	1.0	3.0	6.0
Egg Plant	16.0	58.0	92.1
Green beans	0.0	0.0	0.0
Marrow	14.0	22.1	55.4
Dry Onion	40.0	39.0	111.9
Sweet Corn	0.0	0.0	0.0
Sweet Melon	0.0	0.0	0.0
Turnip	0.0	0.0	0.0
Water Melon	0.0	0.0	0.0
Coriander	17.7	74.4	70.8
Parsley	0.0	0.0	0.0
Potato	24.0	41.0	76.3
Okra	0.0	0.0	0.0
Broccoli	3.0	5.1	10.0
Lettuce	11.0	15.0	31.2
Pumpkin	0.0	0.0	0.0
Spinach	0.0	0.0	0.0
Radish	0.0	0.0	0.0
Garden Rocket	38.3	40.6	79.3
Others	14.0	17.0	29.8

Source: Abu Dhabi Food Control Authority

Table 1.37 Crop area, quantity and value of production of vegetables under protective cover by type of crop in Al Ain, 2013

Type	Area (Donums)	Quantity (Tons)	Value (1000 AED)
Total	1,053.4	4,723.5	7,693.0
Tomato	66.0	245.3	442.3
Beans	33.0	34.0	167.2
Beet	0.0	0.0	0.0
Cabbage	46.0	194.4	211.3
Cucumber	603.0	3,240.4	5,172.7
Carrot	0.0	0.0	0.0
Cauliflower	7.0	17.2	27.9
Mallow	1.0	1.6	2.2
Hot Pepper	55.0	211.8	322.0
Sweet Pepper	0.0	0.0	0.0
Egg Plant	78.0	486.0	719.7
Green beans	0.0	0.0	0.0
Marrow	38.0	41.0	81.3
Dry Onion	22.0	24.0	81.0
Sweet Corn	0.0	0.0	0.0
Sweet Melon	0.0	0.0	0.0
Turnip	0.0	0.0	0.0
Water Melon	0.0	0.0	0.0
Coriander	2.2	7.2	8.3
Parsley	0.0	0.0	0.0
Potato	85.0	198.0	410.0
Okra	0.0	0.0	0.0
Broccoli	6.0	7.4	14.9
Lettuce	1.0	3.0	6.7
Pumpkin	0.0	0.0	0.0
Spinach	0.0	0.0	0.0
Radish	0.0	0.0	0.0
Garden Rocket	2.2	3.2	7.4
Others	8.0	9.0	18.1

Source: Abu Dhabi Food Control Authority

Table 1.38 Crop area, quantity and value of production of vegetables under protective cover by type of crop in Al Gharbia, 2013

Type	Area (Donums)	Quantity (Tons)	Value (1000 AED)
Total	878.0	3,236.0	5,349.0
Tomato	46.4	188.9	284.7
Beans	43.0	44.3	226.9
Beet	0.0	0.0	0.0
Cabbage	56.0	226.1	251.2
Cucumber	455.0	2,203.7	3,606.5
Carrot	0.0	0.0	0.0
Cauliflower	4.0	11.5	24.2
Mallow	0.0	0.0	0.0
Hot Pepper	48.0	220.5	294.0
Sweet Pepper	2.0	5.0	11.0
Egg Plant	55.0	50.0	111.3
Green beans	0.0	0.0	0.0
Marrow	43.0	53.9	103.9
Dry Onion	18.0	20.0	64.4
Sweet Corn	0.0	0.0	0.0
Sweet Melon	0.0	0.0	0.0
Turnip	0.0	0.0	0.0
Water Melon	0.0	0.0	0.0
Coriander	15.1	49.4	49.3
Parsley	0.0	0.0	0.0
Potato	45.0	93.0	174.5
Okra	0.0	0.0	0.0
Broccoli	2.0	4.5	6.0
Lettuce	0.0	0.0	0.0
Pumpkin	0.0	0.0	0.0
Spinach	0.0	0.0	0.0
Radish	0.0	0.0	0.0
Garden Rocket	39.5	57.2	130.6
Others	6.0	8.0	10.5

Source: Abu Dhabi Food Control Authority

1.7 Forests

Forests are not only considered as a wide green cover but they are deemed to be an economic and industrial supplier.

Forests prevent soil degradation and erosion; they also protect water springs, and maintain the stability of the mountains. Forests cool the air, absorb carbon dioxide and produce oxygen which reduces the global warming. Moreover, they function as wind barrier and provide a shelter for many plants and animals that can not only live in it.

The afforestation process in the Emirate of Abu Dhabi has made significant progress; during the last decades large areas had been afforested. This revitalized the environment of the desert and encouraged people to pay more attention to agriculture as a fundamental that affect the country's future and destiny in terms of deepening the link with land and achieving food security.

Forests are heavily spread in the Eastern region surrounding Al Ain region, and in Al Gharbia region up to the edge of the Empty Quarter. They also spread in Abu Dhabi city and its extensions in all directions, east, west and north.

These forests accommodate many wild animals, particularly various types of deer, such as the Arabian oryx, the goitred gazelle and the Indian spotted deer, as well as different types of birds such as ostriches and different kinds of wild rabbits.

The policy of the late Sheikh Zayed bin Sultan Al Nahyan had an influence in terms of paying attention to agriculture. He said once at the Earth Summit in Brazil in 1992 that 140 hectare had been planted in the Eastern region, full of trees till the edge of the Empty Quarter, known as the place with the driest and the harshest climate in the world.

Table 1.39 Number and area of forest trees by region, 2013

(Area in Donums)

Region	Item	2013
Total	Number	17,408,021
	Area	1,693,500
Abu Dhabi	Number	8,028,311
	Area	550,700
Al Ain	Number	4,395,135
	Area	596,370
Al Gharbia	Number	4,984,575
	Area	546,430

Source: Environmental Agency - Abu Dhabi

1.8 Irrigated areas

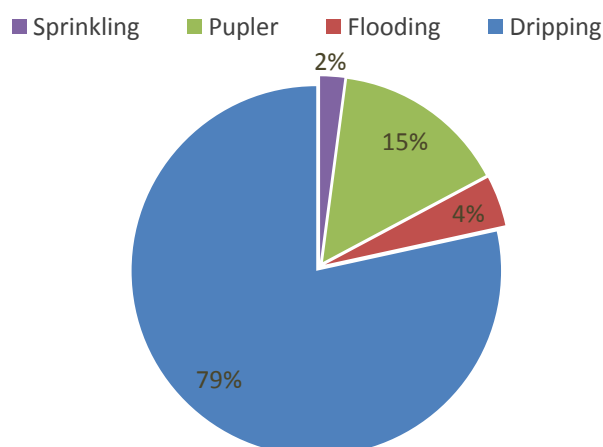
Table 1.40 Irrigated areas by type of irrigation system and region, 2013

(Area in Donums)

Region	Irrigation system				Total
	Dripping	Flooding	Pupler	Sprinkling	
Total	284,421	15,824	54,691	7,564	362,500
Abu Dhabi	42,270	0	0	0	42,270
Al Ain	144,576	15,792	54,563	7,372	222,303
Al Ghabia	97,575	32	128	192	97,927

Source: Abu Dhabi Food Control Authority

Figure 1.9 Percentage distributions of irrigated areas by type of irrigation system, 2013



Source: Statistics Centre - Abu Dhabi

Table 1.41 Irrigated areas by type of irrigation system and region in Abu Dhabi, 2013

(Area in Donums)

Region	Irrigation system				Total
	Dripping	Flooding	Pupler	Sprinkling	
Total	42,270	0	0	0	42,270
Al Rahba	26,100	0	0	0	26,100
Al Khatim	16,170	0	0	0	16,170

Source: Abu Dhabi Food Control Authority

Table 1.42 Irrigated areas by type of irrigation system and region in Al Ain, 2013

(Area in Donums)

Region	Irrigation system				Total
	Dripping	Flooding	Pupler	Sprinkling	
Total	144,576	15,792	54,563	7,372	222,303
Abu Kreyah	8,383	0	7,388	0	15,771
Al Arad	17,323	198	1,598	0	19,119
Al Damtha	3,534	347	2,435	178	6,494
Al Dhahra	6,539	0	7,262	23	13,825
Al Fagah	1,387	27	1,068	55	2,537
Al Hayer & Moheir	5,565	154	356	1,991	8,066
Al Khazna	9,372	1,851	0	103	11,326
Al Oya	8,961	705	0	386	10,052
Al Qattara	2,185	2,524	2,305	446	7,460
Al Saad	2,374	543	0	0	2,917
Al Salamat	4,056	0	5,432	0	9,488
Al Shewaib	954	13	1,363	553	2,882
Al Wagan	6,133	1,497	309	16	7,955
Al Yahar	682	230	281	27	1,221
Beda Fares	7,156	0	8,528	164	15,848
Gumodh	9,558	105	625	1,250	11,538
Masakin	3,264	880	1,123	444	5,711
Naahal	3,385	39	3,856	76	7,355
Remah & Abu Samraa	3,770	321	6,684	506	11,281
Seih Bin Ammar	6,723	4,179	523	857	12,283
Seih Herez & Al Ajban	15,353	0	2,566	43	17,961
Seraa	8,194	41	0	0	8,234
Sweihan	3,464	1,344	520	231	5,559
Um Ghafa	802	333	340	23	1,498
Wahat Al Sahara	5,460	460	0	0	5,921

Source: Abu Dhabi Food Control Authority

Table 1.43 Irrigated areas by type of irrigation system and region in Al Gharbia, 2013

(Area in Donums)

Region	Irrigation system				Total
	Dripping	Flooding	Pupler	Sprinkling	
Total	97,575	32	128	192	97,927
Al Dhafra	751	0	0	0	751
Al Mirfaa	491	0	0	0	491
Al Silaa	902	0	0	0	902
Al Tharwaniya	19,273	0	0	0	19,273
Delma	524	0	0	0	524
Ghayathi	9,023	0	0	0	9,023
Hamim	8,841	0	0	0	8,841
Hassan	14,002	0	0	0	14,002
Madinat Zayed	7,449	0	0	0	7,449
Muzairaa	17,386	0	0	0	17,386
Seih Al Khair	9,644	32	128	192	9,996
Um Al Hassan	9,289	0	0	0	9,289

Source: Abu Dhabi Food Control Authority

1.9 Agricultural producer price index

The Agricultural Producers Price Index has been increased by 3.8% in 2013 compared with 2012 and with 2010 as a reference year. Important crops that contributed to this rise are Broad Bean by 10.6 %, Pepper by 7.3%, Cucumber by 7.2%, Garden Rocket by 6.8%, Carrot by 5.5%, Lettuce by 5.5%, Coriander by 5.2%, Parsley by 5.1%, and Peas by 4.6%, Turnip by 4.5%, Tomato by 3.8%. Meanwhile, crops of Watermelon, Cabbage, Marrow, Corn, Cauliflower, Beans, Potato, Sweet Melon, Onion, Mallow, Beets and Eggplant have been decreased by 8.2%, 7.3%, 7.1%, 6.4%, 5.9%, 5.5%, 4.9%, 4.7%, 4.6%, 2.8%, 2.7% and 1.6% respectively.

Table 1.44 Agricultural producer price index , 2012 and 2013

(2010 = 100)

Crop	2012	2013
All Products	103.9	107.3
Tomato	109.3	117.3
Pepper	110.2	118.1
Cucumber	155.5	144.5
Marrow	116.8	107.3
Watermelon	119.0	113.3
Sweet melon	160.6	153.3
Onion, dry	116.0	109.6
Beans	99.0	103.6
Peas	114.1	112.3
Eggplant	177.7	167.2
Cauliflower	99.2	109.7
Broad Bean	111.0	102.9
Cabbage	105.5	111.3
Lettuce	105.3	102.3
Mallow	109.1	114.8
Coriander	96.5	93.9
Beets	110.5	116.1
Parsley	127.1	120.9
Potato	130.9	122.6
Corn	89.6	93.6
Turnip	98.0	103.4
Carrot	76.5	81.7
Garden Rocket	107.9	110.7

Source: Statistics Centre - Abu Dhabi

1.10 Wells

Table 1.45 Number of agricultural wells by region, 2013

Region	working wells	non-working wells	Total
Total	49,273	21,393	70,666
Abu Dhabi	2,420	1,180	3,600
Al Ain	30,899	15,944	46,843
Al Gharbia	15,954	4,269	20,223

Source: Abu Dhabi Food Control Authority

Table 1.46 Number of agricultural wells by region In Abu Dhabi, 2013

Region	working wells	non-working wells	Total
Total	2,420	1,180	3,600
Al Rahba	0	0	0
Al Khatim	2,420	1,180	3,600

Source: Abu Dhabi Food Control Authority

Table 1.47 Number of agricultural wells by region In Al Ain, 2013

Region	working wells	non-working wells	Total
Total	30,899	15,945	46,843
Abu Kreyah	2,207	2,067	4,274
Al Arad	3,403	1,005	4,408
Al Damtha	596	469	1,065
Al Dhahra	2,297	757	3,054
Al Fagah	328	261	589
Al Hayer & Moheir	923	416	1,339
Al Khazna	1,600	325	1,925
Al Oya	1,304	711	2,015
Al Qattara	700	651	1,351
Al Saad	712	803	1,515
Al Salamat	1,054	640	1,694
Al Shewaib	207	83	290
Al Wagan	1,102	639	1,741
Al Yahar	176	286	462
Beda Fares	1,890	726	2,616
Gumodh	2,400	860	3,260
Masakin	580	97	677
Naahal	992	328	1,320
Remah & Abu Samraa	1,293	1,069	2,362
Seih Bin Ammar	1,112	336	1,448
Seih Herez & Al Ajban	2,896	1,590	4,486
Seraa	1,276	670	1,946
Sweihan	786	531	1,317
Um Ghafa	305	206	511
Wahat Al Sahara	759	419	1,178

Source: Abu Dhabi Food Control Authority

Table 1.48 Number of agricultural wells by region In Al Gharbia, 2013

Region	working wells	non-working wells	Total
Total	15,954	4,269	20,223
Al Dhafra	80	85	165
Al Mirfaa	0	0	0
Al Silaa	0	0	0
Al Tharwaniya	3,297	600	3,897
Delma	0	0	0
Ghayathi	1,200	648	1,848
Hamim	1,608	433	2,041
Hassan	2,494	582	3,076
Madinat Zayed	1,279	131	1,410
Muzairaa	2,919	1,309	4,228
Seih Al Khair	1,303	104	1,407

Source: Abu Dhabi Food Control Authority

1.11 Loans given to the farmers

Table 1.49 Value of loans given to the farmers by region, 2010 to 2013

Value: 1000 AED

Region	2010	2011	2012	2013
Total*	26,719	18,488	36,878	4,346
Abu Dhabi and Al Gharbia	4,967	52	24,988	179
Al Ain	21,752	18,436	11,890	4,167

Source: Abu Dhabi Food Control Authority

* The Farmer pay only 50% of the value of the Loan

1.12 Agricultural pesticides

Table 1.50 Quantity of chemicals used by type and region, 2013

Description	Units	Abu Dhabi	Al Ain	Al Gharbia	Total
Perfektion	Liter	3,658	0	0	3,658
	Kilogram	0	0	0	0
Bitam	Liter	0	6,794	0	6,794
	Kilogram	0	0	0	0
Magister	Liter	0	2,207		2,207
	Kilogram	0	0	0	0
Bico 1	Liter	0	7,000		7,000
	Kilogram	0	0	0	0
Copro -D-Sect	Liter	0	0	7,401	7,401
	Kilogram	0	0	0	0
Envedor	Liter	0	0	5,577	5,577
	Kilogram	0	0	0	0
M.Sulpher	Liter	1,653	0	0	1,653
	Kilogram	0	0	0	0
Vertemic	Liter	4,544	6,000	0	10,544
	Kilogram	0	0	0	0

Source: Abu Dhabi Food Control Authority

2. Foreign Trade In Agricultural Commodities

Table 2.1 Value of agricultural commodities imported, exported, re-exported through the Ports of the Emirate of Abu Dhabi, 2005 to 2013

Value: 000 AED

Year	Imports	Exports	Re-Exports	Total
2005	3,317,479	293,298	163,206	3,773,984
2006	3,627,429	343,956	94,308	4,065,693
2007	4,432,513	448,799	130,883	5,012,195
2008	5,679,425	614,156	131,842	6,425,422
2009	6,395,953	447,497	91,691	6,935,140
2010	6,705,979	561,997	115,902	7,383,878
2011	8,275,498	584,835	116,382	8,976,715
2012	8,424,456	617,930	84,967	9,127,353
2013	7,468,363	514,640	53,395	8,036,398

Source: Statistics Centre - Abu Dhabi

Table 2.1 Value of agricultural commodities imported, exported, re-exported through the Ports of the Emirate of Abu Dhabi, 2005 to 2013



Source: Statistics Centre - Abu Dhabi

Table 2.2 Value of Emirate of Abu Dhabi imports of agricultural goods and foods, 2010 to 2013

(Value: 000 AED)

Description	2010	2011	2012	2013
Total	6,705,979	8,275,498	8,424,456	7,468,363
Live animals and their products	1,891,753	2,186,142	2,381,700	2,005,040
Vegetable products	2,816,473	3,635,564	3,390,702	2,821,408
Animals or vegetable fats, oils and waxes	328,253	509,402	474,722	367,631
Foodstuffs, beverages, spirits and tobacco	1,581,916	1,859,382	2,077,841	2,148,317
Fertilizers	52,728	55,944	74,647	104,427
Pesticides and rodents, fungi, weeds	34,857	29,064	24,844	21,540

Source: Statistics Centre - Abu Dhabi

Table 2.3 Value of Emirate of Abu Dhabi of exports of agricultural goods and food, 2010 to 2013

(Value: 000 AED)

Description	2010	2011	2012	2013
Total	561,997	584,835	617,930	514,640
Live animals and their products	112,270	94,626	98,306	52,580
Vegetable products	60,009	64,565	77,712	43,233
Animals or vegetable fats, oils and waxes	154,475	175,404	168,714	183,018
Foodstuffs, beverages, spirits and tobacco	181,108	188,735	195,163	180,810
Fertilizers	53,929	61,426	75,709	54,663
Pesticides and rodents, fungi, weeds	205	81	2,325	337

Source: Statistics Centre - Abu Dhabi

Table 2.4 Value of re-exports of agricultural goods and foods through the ports of the Emirate of Abu Dhabi, 2010 to 2013

(Value: 000 AED)

Description	2010	2011	2012	2013
Total	115,902	116,382	84,967	53,395
Live animals and their products	20,673	24,552	22,304	13,260
Vegetable products	64,978	59,342	37,055	13,923
Animals or vegetable fats, oils and waxes	1,106	1,581	938	596
Foodstuffs, beverages, spirits and tobacco	28,416	29,383	24,048	25,213
Fertilizers	630	1,334	207	95
Pesticides and rodents, fungi, weeds	98	190	415	308

Source: Statistics Centre - Abu Dhabi

Table 2.5 Quantity of imports, exports and re-exports of agricultural fertilizers through the ports of the Emirate of Abu Dhabi, 2005 to 2013

Quantity: tons

Year	Imports	Exports	Re-Exports	Total
2005	85,897	18,805	310	105,012
2006	24,336	19,455	552	44,343
2007	22,112	20,568	308	42,988
2008	20,892	20,361	188	41,441
2009	18,690	19,138	103	37,930
2010	24,707	18,935	300	43,942
2011	24,472	18,692	403	43,568
2012	27,329	19,866	207	47,402
2013	41,449	17,333	161	58,943

Source: Statistics Centre - Abu Dhabi

Table 2.6 Value of imports, exports and re-exports of agricultural fertilizers through the ports of the Emirate of Abu Dhabi, 2005 to 2013

(Value: 000 AED)

Year	Imports	Exports	Re-Exports	Total
2005	61,320	37,020	683	99,022
2006	34,600	38,832	1,335	74,767
2007	33,595	47,346	474	81,415
2008	54,408	79,692	202	134,302
2009	38,648	51,036	948	90,633
2010	52,728	53,929	630	107,287
2011	55,944	61,426	1,334	118,703
2012	74,647	75,709	207	150,562
2013	104,427	54,663	95	159,184

Source: Statistics Centre - Abu Dhabi

3. Annex

Explanatory notes

Definitions and classifications

- **Agricultural holding:** an economic unit for agricultural production that is subject to a single administrative unit, and consists of all or part of the lands utilized for the purposes of agricultural production, regardless of ownership, legal form or area. The single unit may be under the control of an individual or a family, or may be shared by two persons or two families or more. It also may be under the control of a clan or a tribe, or may be subject to the control of a legal person such as a company or a cooperative society, or governmental agency. A holding may consist of one piece (partial holding) or more that is located in one or more of the separated areas of a regional or administrative jurisdiction, provided that all holdings share the same production methods utilized by the holding such as laborers, buildings, machines, or draft animals. Sharing the same production methods must be evident to an extent that justifies considering all land pieces an integral part of one economic unit. The economic units whose activities are confined to the hereunder economic activities may not be regarded as agricultural holdings; as such economic activities are located outside the agricultural framework:
 - 1- Hunting and breeding game.
 - 2- Exploiting forests or wood cutting.
 - 3- Fishing.
 - 4- Agricultural services.
- **Part of holding:** it is a piece of land that is separated from other holding lands, whether it be land not under the control of the holding owner, or separated by a railroad, or a public road, or by forests, or anything similar.
- **Aggregated holding area:** it is the overall area of all pieces of land comprising an agricultural holding. Any land that is owned by the holding owner or leased to others should not be accounted for in calculating the holding area. The aggregated holding area consists of the farmyard, and the area upon which a farm building are erected. Further, the dwelling of the holding owner is also calculated within the holding area, unless it is erected outside the holding parameters (i.e. in a residential area of a village or a close city), and not for residential purposes. The aggregated holding area should include the area cultivated with crops during the reference period, and the farmed area which is not cultivated yet. Deserted land should not be taken into account during the reference period. Holding owners should not also take into account their estimated share of land used as pastures. The aggregated holding area should be equal to the total land area used for different purposes.
- **Agricultural land use:** it is the collective number of lands that cover most of the land uses, consisting of temporary farming land, land for permanent crops, permanent grazing land, fallow land, and other lands not specified elsewhere.
- **Nun arable area:** it is part of the aggregated area of a holding that is not suitable for any farming due to a permanent or temporary obstacle, such as salinity, rocky terrain, and extreme slopes.

Explanatory notes

Data sources

The report data was sourced from Abu Dhabi Food Control Authority, Department of Municipalities (Abu Dhabi, Al Ain, Al Gharbia) and Al Foah Company. SCAD thereafter subjected the data to further checking and research.

Notes on tables

- The term plant holding in this bulletin means plant farms in the Emirate of Abu Dhabi.
- Number and area of plant holdings in 2011, 2012 and 2013 are similar.
- Number and area of trees in 2012 and 2013 are similar.
- The quantity of vegetable crops in the bulletin represents the amount of vegetables supplied to agricultural marketing centers.
- Some figures have been rounded to the nearest final digit shown. Consequently, discrepancies may exist within a table between totals and sums of constituent items.

More information

For more information about plant statistics and agricultural statistics, please visit the statistics link on the SCAD website at <http://www.scad.ae>

The next release is expected in September 2015 for 2014 data.