



مركز الإحصاء  
STATISTICS CENTRE



# Agriculture Statistics

2017

## 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 seventh 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 2017, 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.

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 seventh edition of the Annual Agriculture Bulletin 2017, 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, Abu Dhabi Farmer's Services Centre and all our strategic partners, government departments and entities that have contributed in providing most of the data used in this bulletin.

Best Regards,

**H.E. Rashed Lahej Al Mansoori**

**Chairman**

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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 2017. The hereunder are key indicators:

### Plant production statistics 2017

Indicator	Unit	Value of indicator
Area of agricultural holdings	Donum	749,868
Number of agricultural holdings	Number	24,018
Area of working agricultural holdings	Donum	700,939
Number of working agricultural holdings	Number	21,976
Crop area with fruit trees	Donum	272,322
Crop area with field crops	Donum	62,575
Crop area with vegetables (opened field)	Donum	15,193
Crop area with vegetables (under protective cover)	Donum	5,118
Number of working wells	Number	41,341
Total value of loans paid to farmers	1000 AED	313

### Foreign trade of agricultural commodities 2017

Indicator	Unit	Value of indicator
Value of agricultural commodities imported	1000 AED	7,781,721
Value of agricultural commodities exported	1000 AED	1,051,358
Value of agricultural commodities re-exported	1000 AED	582,909

## 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

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.

The number of plant holdings in the emirate of Abu Dhabi amounted to 24,018 holdings in 2017, with a total area of 749,868 donums, forming about 1% of the total area of the emirate of Abu Dhabi. The average area of each holding was 31 donums approximately.

Fruit trees occupy the largest proportion or 36.3% of the total plant holdings area. Palm trees are the most important type of fruit trees due to the conditions in the Emirate. The amount of dates produced and received to ALFOAH in 2017 was 89,938 tons, decreased by 6.4% compared with 2016.

Crops occupy 8.3% of the total plant holdings area, a significant increase of 3.9% compared with 2016. The quantity of field crops produced in the emirate in 2017 was 234,230 tons.

Vegetable crops grown in open fields and under greenhouses constituted 2.7% of the total plant holdings area. Cucumber accounted for 24.6% of the total area of vegetable crops, followed by Sweet Corn at 17.7%, Tomatoes 17.5%, meanwhile rest of the crops formed 40.2% of the total area of vegetable crops in 2017.

Forest trees and windbreaks occupied 2.2% of the total plant holdings area. The current fallow area represented 35.5% and buildings area represented 1.7%. Data shows that the potentially productive area accounted for 13.3% of the total plant holdings in 2017.

## 1.1 Plant holdings

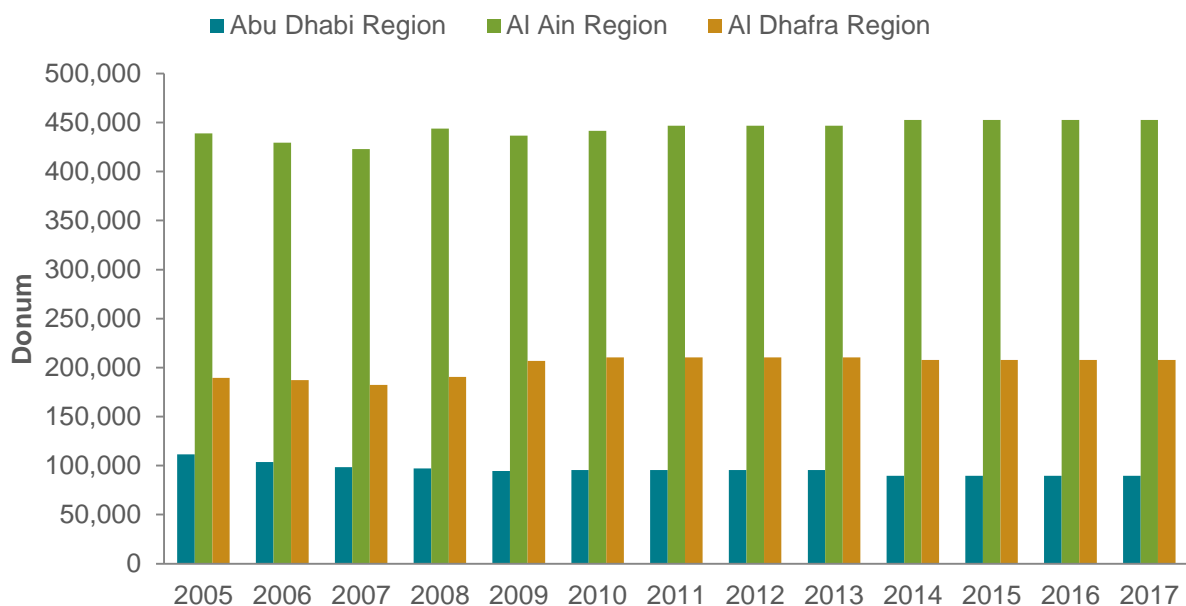
**Table 1.1: Number and area of plant holdings by region, 2005 to 2017**

(Area in Donums)

Year	Total		Abu Dhabi Region		Al Ain Region		Al Dhafra Region	
	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
2014	24,018	749,868	3,605	89,679	11,921	452,503	8,492	207,686
2015	24,018	749,868	3,605	89,679	11,921	452,503	8,492	207,686
2015	24,018	749,868	3,605	89,679	11,921	452,503	8,492	207,686
2017	24,018	749,868	3,605	89,679	11,921	452,503	8,492	207,686

Source: Abu Dhabi Food Control Authority

**Figure 1.1: Area of plant holdings by region, 2005 to 2017**



Source: Statistics Centre - Abu Dhabi

**Table 1.2: Number and area of plant holdings by region, 2017**

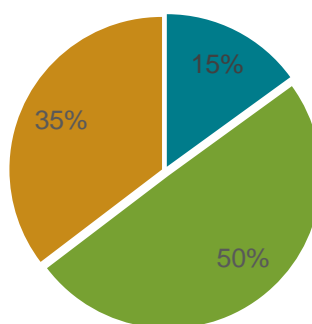
(Area in Donums)

Region	Number	Area
<b>Total</b>	<b>24,018</b>	<b>749,868</b>
Abu Dhabi Region	3,605	89,679
Al Ain Region	11,921	452,503
Al Dhafra Region	8,492	207,686

Source: Abu Dhabi Food Control Authority

**Figure 1.2: Percentage distribution of number of plant holdings by region, 2017**

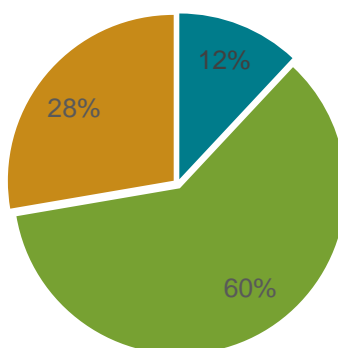
■ Abu Dhabi Region ■ Al Ain Region ■ Al Dhafra Region



Source: Statistics Centre - Abu Dhabi

**Figure 1.3: Percentage distribution of area of plant holdings by region, 2017**

■ Abu Dhabi Region ■ Al Ain Region ■ Al Dhafra Region



Source: Statistics Centre - Abu Dhabi

**Table 1.3: Number and area of plant holdings by region in Abu Dhabi Region, 2017**

(Area in Donums)

Region	Number	Area
<b>Total</b>	<b>3,605</b>	<b>89,679</b>
Al Rahba	1,965	52,832
Al Khatim	1,640	36,847

Source: Abu Dhabi Food Control Authority

**Table 1.4: Number and area of plant holdings by region in Al Ain Region, 2017**

(Area in Donums)

Region	Number	Area
<b>Total</b>	<b>11,921</b>	<b>452,503</b>
Abu Kreyah	883	29,341
Al Khazna	875	27,108
Al Damtha	228	13,254
Al Saad	213	6,307
Al Shewaib	60	8,701
Al Dhahra	762	25,411
Al Arad	1,111	37,091
Al Oya	629	21,866
Seih Bin Ammar	260	22,924
Al Fagah	93	6,017
Al Qattara	225	9,902
Al Quoa'	372	12,036
Al Heer	402	16,194
Al Wagan	550	19,190
Al Yahar	73	2,868
Um-Ghafa	93	5,502
Beda' Fares	865	28,776
Remah	553	20,495
Al-Salamat	571	19,035
Suwaihan	274	11,279
Seih Haraz	1,012	33,673
Sera'	584	19,669
Ghummudh	691	24,632
Masakin	124	16,929
Nahel	418	14,303

Source: Abu Dhabi Food Control Authority

**Table 1.5: Number and area of plant holdings by region in Al Dhafra Region, 2017**

(Area in Donums)

Region	Number	Area
<b>Total</b>	<b>8,492</b>	<b>207,686</b>
Al Tharwaniya	1,746	41,619
Al Silaa	108	1,656
Al Dhafra	128	2,278
Al Mirfaa	98	980
Um Al Hesn	795	19,156
Hassan	1,371	28,223
Hamim	883	20,115
Delma	102	1,013
Seih Al Khair	559	23,264
Ghayathi	478	18,410
Madinat Zayed	541	12,802
Muzairaa	1,683	38,170

Source: Abu Dhabi Food Control Authority

**Table 1.6: Number and area of plant holdings by area category and region, 2017**

(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
<b>Total</b>	<b>24,018</b>	<b>749,869</b>	<b>4,490</b>	<b>49,476</b>	<b>16,224</b>	<b>487,423</b>	<b>2,833</b>	<b>117,382</b>	<b>471</b>	<b>95,588</b>
Abu Dhabi Region	3,605	89,679	592	9,528	2,949	76,259	45	1,999	19	1,893
Al Ain Region	11,921	452,503	636	8,697	10,516	342,155	388	18,396	381	83,255
Al Dhafra Region	8,492	207,687	3,262	31,251	2,759	69,009	2,400	96,987	71	10,440

Source: Abu Dhabi Food Control Authority

**Table 1.7: Number and area of plant holdings by area category and region in Abu Dhabi Region, 2017**

(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
<b>Total</b>	<b>3,605</b>	<b>89,679</b>	<b>592</b>	<b>9,528</b>	<b>2,949</b>	<b>76,259</b>	<b>45</b>	<b>1,999</b>	<b>19</b>	<b>1,893</b>
Al Rahba	1,965	52,832	15	180	1,950	52,653	0	0	0	0
Al Khatim	1,640	36,847	577	9,348	999	23,606	45	1,999	19	1,893

Source: Abu Dhabi Food Control Authority

**Table 1.8: Number and area of plant holdings by area category and region in Al Ain Region, 2017**

(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
<b>Total</b>	<b>11,921</b>	<b>452,503</b>	<b>636</b>	<b>8,697</b>	<b>10,516</b>	<b>342,155</b>	<b>388</b>	<b>18,396</b>	<b>381</b>	<b>83,255</b>
Abu Kreyah	883	29,341	12	183	870	29,107	1	51	0	0
Al Khazna	875	27,108	134	2,133	621	16,806	82	3,602	38	4,567
Al Damtha	228	13,254	0	0	200	6,358	7	342	21	6,554
Al Saad	213	6,307	10	143	195	5,739	5	237	3	188
Al Salamat	571	19,035	3	20	545	17,121	13	571	10	1,323
Al Shewaib	60	8,701	40	573	9	287	1	60	10	7,781
Al Dhahra	762	25,410	5	82	756	25,263	0	0	1	65
Al Arad	1,111	37,093	33	384	1,075	35,569	1	47	2	1,093
Al Oya	629	21,866	8	135	616	20,424	4	189	1	1,118
Seih Bin Ammar	260	22,924	71	750	57	1,749	34	1,657	98	18,768
Al Fagah	93	6,017	14	222	72	2,390	1	46	6	3,359
Al Qattara	225	9,901	89	871	69	2,114	40	1,930	27	4,986
Al Quoa'	372	12,036	15	247	357	11,789	0	0	0	0
Al Hayer	402	16,194	65	942	272	8,773	34	1,770	31	4,709
Al Wagan	550	19,190	36	550	497	15,729	14	597	3	2,314
Al Yahar	73	2,867	11	89	37	1,189	20	973	5	616
Um Ghafa	93	5,502	43	645	34	1,107	5	247	11	3,503
Beda Fares	865	28,775	11	182	852	28,435	0	0	2	158
Remah	553	20,495	14	216	477	15,388	36	1,739	26	3,152
Sweihan	274	11,279	0	0	201	6,454	53	2,517	20	2,308
Seih Herez	1,012	33,675	10	147	1,002	33,528	0	0	0	0
Seraa	584	19,669	2	34	579	19,396	1	55	2	184
Gumodh	691	24,632	9	132	643	21,406	23	1,079	16	2,015
Masakin	124	16,929	0	0	69	2,264	10	539	45	14,126
Naahal	418	14,303	1	17	411	13,770	3	148	3	368

Source: Abu Dhabi Food Control Authority

**Table 1.9: Number and area of plant holdings by area category and region in Al Dhafra Region, 2017**

(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
<b>Total</b>	<b>8,492</b>	<b>207,687</b>	<b>3,262</b>	<b>31,251</b>	<b>2,759</b>	<b>69,009</b>	<b>2,400</b>	<b>96,987</b>	<b>71</b>	<b>10,440</b>
Al Tharwaniya	1,746	41,619	727	6,502	502	13,348	501	20,395	16	1,374
Al Silaa	108	1,656	104	1,560	4	96	0	0	0	0
Al Dhafra	128	2,278	111	1,859	16	379	1	40	0	0
Al Mirfaa	98	980	98	980	0	0	0	0	0	0
Um Al Hesn	795	19,157	51	546	672	15,637	71	2,849	1	125
Hassan	1,371	28,223	717	5,885	406	10,654	236	9,588	12	2,096
Hamim	883	20,115	278	2,447	424	10,271	180	7,328	1	69
Delma	102	1,013	101	955	0	0	1	58	0	0
Seih Al Khair	559	23,264	20	178	20	486	506	20,268	13	2,332
Ghayathi	478	18,410	21	180	5	110	451	18,040	1	80
Madinat Zayed	541	12,802	240	3,493	179	4,082	118	4,723	4	504
Muzairaa	1,683	38,170	794	6,666	531	13,946	335	13,698	23	3,860

Source: Abu Dhabi Food Control Authority

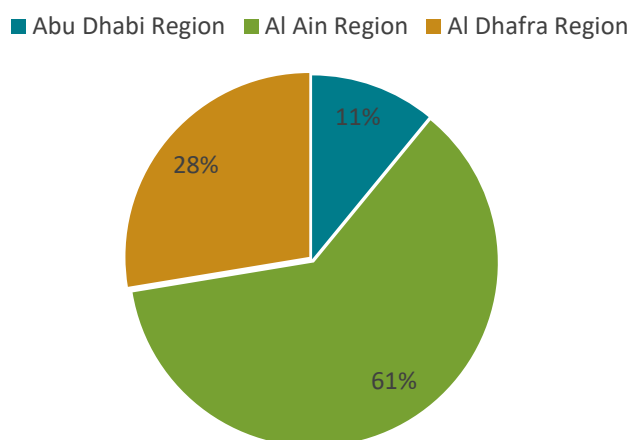
**Table 1.10: Number and area of working plant holdings by region, 2017**

(Area in Donums)

Region	Item	2017
<b>Total</b>	<b>Number</b>	<b>21,976</b>
	<b>Area</b>	<b>700,939</b>
Abu Dhabi Region	Number	3,017
	Area	76,636
Al Ain Region	Number	11,273
	Area	430,800
Al Dhafra Region	Number	7,686
	Area	193,503

Source: Abu Dhabi Food Control Authority

**Figure 1.4: Percentage distribution of area of working plant holdings by region, 2017**



Source: Statistics Centre - Abu Dhabi

**Table 1.11: Number and area of working plant holdings by region in Abu Dhabi Region, 2017**

(Area in Donums)

Region	Number	Area
<b>Total</b>	<b>3,017</b>	<b>76,636</b>
Al Rahba	1,834	49,374
Al Khatim	1,183	27,262

Source: Abu Dhabi Food Control Authority

**able 1.12: Number and area of working plant holdings by region in Al Ain Region, 2017**

(Area in Donums)

Region	Number	Area
<b>Total</b>	<b>11,273</b>	<b>430,800</b>
Abu Kreyah	871	28,939
Al Khazna	678	21,252
Al Damtha	221	13,054
Al Saad	197	5,814
Al-Salamat	508	17,111
Al Shewaib	59	8,667
Al Dhahra	755	25,176
Al Arad	1,075	36,210
Al Oya	617	21,481
Seih Bin Ammar	254	22,861
Al Fagah	83	5,515
Al Qattara	210	9,259
Al Quoa'	371	12,025
Al Heer	392	15,612
Al Wagan	529	18,613
Al Yahar	68	2,824
Um-Ghafa	93	5,502
Beda' Fares	853	28,375
Remah	524	19,586
Suwaihan	271	11,185
Seih Haraz	954	31,783
Sera'	570	19,200
Ghummudh	604	21,573
Masakin	105	15,114
Nahel	411	14,069

Source: Abu Dhabi Food Control Authority

**Table 1.13: Number and area of working plant holdings by region in Al Dhafra Region, 2017**

(Area in Donums)

Region	Number	Area
<b>Total</b>	<b>7,686</b>	<b>193,503</b>
Al Tharwaniya	1,516	38,443
Al Silaa	108	1,656
Al Dhafra	124	2,198
Al Mirfaa	93	930
Um Al Hesn	738	17,996
Hassan	1,309	27,361
Hamim	780	18,111
Delma	101	1,009
Seih Al Khair	523	21,803
Ghayathi	441	17,378
Madinat Zayed	496	11,974
Muzairaa	1,457	34,644

Source: Abu Dhabi Food Control Authority

## 1.2 Agricultural Land Use

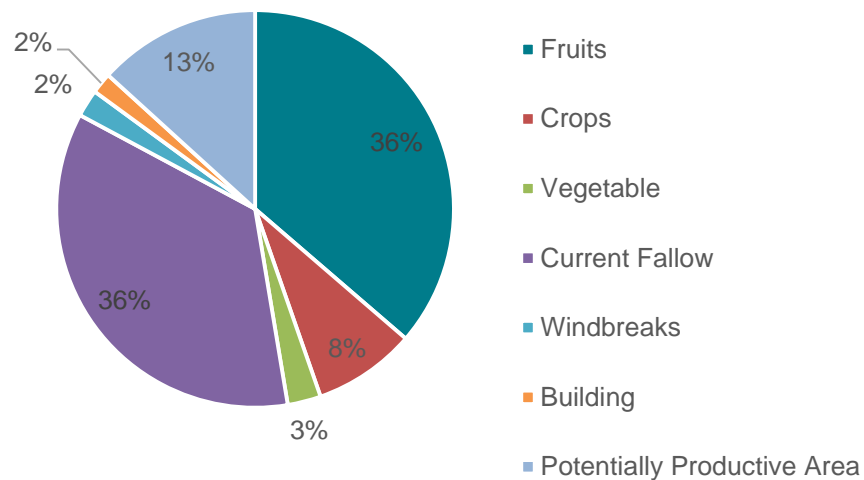
**Table 1.14: Area of plant holdings by land use and region, 2017**

(Area in Donums)

Item	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Total
<b>Total</b>	<b>89,679</b>	<b>452,503</b>	<b>207,686</b>	<b>749,868</b>
Fruit Trees	23,175	145,779	103,368	272,322
Field Crops	4,981	46,784	10,810	62,575
Vegetables Crops (opened field)	4,344	8,152	2,697	15,193
Vegetables Crops( (under protective cover)	611	2,939	1,568	5,118
Current Fallow	29,956	169,424	66,494	265,875
Windbreaks	4,664	4,762	7,275	16,701
Building	1,498	7,662	3,565	12,725
Potentially Productive Area	20,448	67,001	11,910	99,359

Source: Abu Dhabi Food Control Authority

**Figure 1.5: Percentage distribution of agricultural area by land use, 2017**



Source: Statistics Centre - Abu Dhabi

## 1.3 Field crops

**Table 1.15: Crop area, quantity and value of production of field crops by region, 2017**

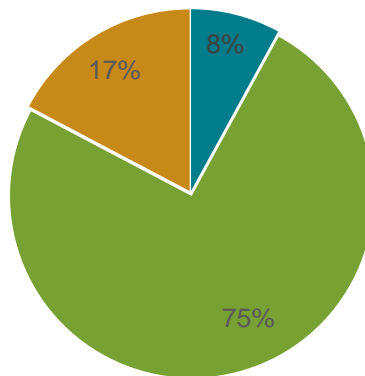
(Area in Donums, Quantity in Tons)

Region	Area (Donum)	Quantity (Ton)	Value (1000 AED)
<b>Total</b>	<b>62,575</b>	<b>234,230</b>	<b>325,654</b>
Abu Dhabi Region	4,981	16,381	30,254
Al Ain Region	46,784	163,056	193,930
Al Dhafra Region	10,810	54,793	101,470

Source: Abu Dhabi Food Control Authority

**Figure 1.6: Percentage distribution of cultivated area of field crops by region, 2017**

■ Abu Dhabi Region ■ Al Ain Region ■ Al Dhafra Region



Source: Statistics Centre - Abu Dhabi

**Table 1.16: Crop area, quantity and value of production of field crops by type, 2017**

Type of crop	Area (Donum)	Quantity (Ton)	Value (1000 AED)
<b>Total</b>	<b>62,575</b>	<b>234,230</b>	<b>325,654</b>
Rhodes grass	40,536	154,199	198,206
Alfalfa	15,511	59,002	83,706
Others	6,528	21,029	43,742

Source: Abu Dhabi Food Control Authority

**Table 1.17: Crop area, quantity and value of production of field crops by type in Abu Dhabi Region, 2017**

Type of crop	Area (Donum)	Quantity (Ton)	Value (1000 AED)
<b>Total</b>	<b>4,981</b>	<b>16,381</b>	<b>30,254</b>
Rhodes grass	3,038	12,892	21,691
Alfalfa	438	1,135	2,073
Others	1,505	2,354	6,490

Source: Abu Dhabi Food Control Authority

**Table 1.18: Crop area, quantity and value of production of field crops by type in Al Ain Region, 2017**

Type of crop	Area (Donum)	Quantity (Ton)	Value (1000 AED)
<b>Total</b>	<b>46,784</b>	<b>163,056</b>	<b>193,930</b>
Rhodes grass	30,806	105,299	115,930
Alfalfa	12,240	46,148	60,228
Others	3,738	11,609	17,772

Source: Abu Dhabi Food Control Authority

**Table 1.19: Crop area, quantity and value of production of field crops by type in Al Dhafra Region, 2017**

Type of crop	Value (1000 AED)	Quantity (Ton)	Area (Donum)
<b>Total</b>	<b>10,810</b>	<b>54,793</b>	<b>101,470</b>
Rhodes Grass	6,692	36,008	60,585
Alfalfa	2,833	11,719	21,405
Others	1,285	7,066	19,480

Source: Abu Dhabi Food Control Authority

## 1.4 Vegetables Crops

**Table 1.20: Crop area, quantity and value of production of vegetables by type of crop, 2017**

Type of crop	Crop Area (Donum)	Quantity (Ton)	Value (1000 AED)
<b>Total</b>	<b>23,423.3</b>	<b>95,619.5</b>	<b>275,197.0</b>
Potato	143.4	358.6	782.7
Cabbage	933.7	5,602.2	7,800.0
Hot Pepper	209.6	194.4	942.7
Sweet Pepper	909.8	2,398.4	11,401.6
Marrow	2,724.9	6,347.8	23,003.0
Egg Plant	1,087.0	3,450.2	6,729.6
Cucumber	5,763.1	33,643.6	97,647.0
Tomato	4,100.2	23,873.8	69,157.9
Water Melon	47.0	131.4	302.9
Sweet Melon	101.9	356.5	934.5
Lettuce	138.7	123.1	565.3
Onion	499.9	1,495.6	3,283.3
Parsley	680.1	1,090.1	6,026.8
Beans	439.3	375.1	1,450.5
Beets	128.8	225.4	745.5
Carrot	29.8	52.2	166.8
Cauliflower	307.0	1,074.2	2,785.2
Pumpkin	332.1	912.5	4,720.4
Coriander	183.0	187.7	1,030.7
Mallow	125.2	51.0	246.2
Okra	140.7	84.5	447.9
Radish	80.8	149.5	798.3
Sweet Corn	4,141.1	13,225.4	32,943.2
Garden Rocket	61.6	129.6	811.1
Turnip	21.3	37.0	141.9
Broccoli	93.5	49.7	332.0

Source: Abu Dhabi Food Control Authority

**able 1.21: Crop area, quantity and value of production of vegetables by type of crop in Abu Dhabi Region, 2017**

Type of crop	Crop Area (Donum)	Quantity (Ton)	Value (1000 AED)
<b>Total</b>	<b>5,355.9</b>	<b>19,242.4</b>	<b>53,502.8</b>
Potato	18.4	45.9	100.5
Cabbage	175.2	1,051.4	1,451.6
Hot Pepper	22.2	21.5	105.0
Sweet Pepper	97.8	261.0	1,240.4
Marrow	517.2	1,168.1	4,308.5
Egg Plant	354.7	1,130.2	2,206.3
Cucumber	748.7	4,310.2	12,166.9
Tomato	570.7	3,334.3	9,787.0
Water Melon	26.0	72.8	167.8
Sweet Melon	14.8	51.8	135.5
Lettuce	29.2	26.4	125.9
Onion	46.9	140.7	308.8
Parsley	43.2	98.0	538.0
Beans	333.6	284.4	1,101.2
Beets	13.9	24.3	71.6
Carrot	2.6	4.6	12.5
Cauliflower	19.2	67.0	174.6
Pumpkin	148.5	407.9	2,164.6
Coriander	24.9	26.6	142.1
Mallow	22.4	12.2	61.2
Okra	29.2	17.6	92.9
Radish	8.7	15.9	84.7
Sweet Corn	2,051.0	6,634.9	16,729.8
Garden Rocket	21.5	26.7	171.7
Turnip	0.0	0.0	0.0
Broccoli	15.4	8.0	53.7

Source: Abu Dhabi Food Control Authority

**Table 1.22: Crop area, quantity and value of production of vegetables by type of crop in Al Ain Region, 2017**

Type of crop	Crop Area (Donum)	Quantity (Ton)	Value (1000 AED)
<b>Total</b>	<b>13,235.6</b>	<b>55,041.6</b>	<b>163,574.2</b>
Potato	112.1	280.4	611.1
Cabbage	126.5	759.0	1,039.8
Hot Pepper	110.6	115.9	561.8
Sweet Pepper	335.6	847.2	4,032.5
Marrow	1,936.9	4,560.5	16,410.7
Egg Plant	449.5	1,405.7	2,740.7
Cucumber	3,870.3	22,589.4	66,087.2
Tomato	2,685.8	15,710.1	45,259.3
Water Melon	11.5	32.1	74.4
Sweet Melon	48.0	168.0	436.9
Lettuce	100.4	89.0	406.9
Onion	235.8	707.3	1,556.1
Parsley	592.5	902.5	5,009.0
Beans	92.7	79.4	305.9
Beets	103.2	180.5	622.7
Carrot	27.0	47.2	153.3
Cauliflower	169.0	591.7	1,527.0
Pumpkin	126.4	347.6	1,753.9
Coriander	140.7	133.6	714.9
Mallow	84.4	27.2	129.7
Okra	87.6	52.5	278.1
Radish	64.8	120.6	644.4
Sweet Corn	1,616.0	5,168.1	12,514.9
Garden Rocket	19.1	55.9	333.9
Turnip	20.2	35.0	134.4
Broccoli	69.0	35.2	234.7

Source: Abu Dhabi Food Control Authority

**Table 1.23: Crop area, quantity and value of production of vegetables by type of crop in Al Dhafra Region, 2017**

Type of crop	Crop Area (Donum)	Quantity (Ton)	Value (1000 AED)
<b>Total</b>	<b>4,831.8</b>	<b>21,335.4</b>	<b>58,120.0</b>
Potato	12.9	32.3	71.1
Cabbage	632.0	3,791.8	5,308.6
Hot Pepper	76.8	57.0	275.9
Sweet Pepper	476.4	1,290.2	6,128.7
Marrow	270.8	619.2	2,283.8
Egg Plant	282.9	914.3	1,782.6
Cucumber	1,144.0	6,744.0	19,392.9
Tomato	843.7	4,829.4	14,111.6
Water Melon	9.5	26.5	60.7
Sweet Melon	39.0	136.7	362.1
Lettuce	9.1	7.7	32.5
Onion	217.2	647.6	1,418.4
Parsley	44.4	89.6	479.8
Beans	12.9	11.2	43.4
Beets	11.8	20.6	51.2
Carrot	0.3	0.4	1.0
Cauliflower	118.7	415.5	1,083.6
Pumpkin	57.2	157.0	801.9
Coriander	17.4	27.5	173.7
Mallow	18.4	11.6	55.3
Okra	24.0	14.4	76.9
Radish	7.2	13.0	69.2
Sweet Corn	474.1	1,422.4	3,698.5
Garden Rocket	21.0	47.0	305.5
Turnip	1.1	2.0	7.5
Broccoli	9.1	6.5	43.6

Source: Abu Dhabi Food Control Authority

**Table 1.24: Crop area, quantity and value of production of vegetables in opened field (exposed land) by type of crop, 2017**

Type of crop	Crop Area (Donum)	Quantity (Ton)	Value (1000 AED)
<b>Total</b>	<b>15,192.8</b>	<b>51,281.6</b>	<b>140,318.3</b>
Potato	143.4	358.6	782.7
Cabbage	933.7	5,602.2	7,800.0
Hot Pepper	119.4	149.2	724.0
Sweet Pepper	100.1	275.2	1,309.7
Marrow	2,628.9	5,914.8	21,808.8
Egg Plant	1,053.9	3,425.3	6,681.2
Cucumber	103.1	56.7	181.5
Tomato	2,645.6	15,873.8	43,983.4
Water Melon	47.0	131.4	302.9
Sweet Melon	101.9	356.5	934.5
Lettuce	100.8	85.5	364.5
Onion	499.9	1,495.6	3,283.3
Parsley	679.2	1,088.3	6,016.9
Beans	428.0	363.8	1,406.8
Beets	128.8	225.4	745.5
Carrot	29.8	52.2	166.8
Cauliflower	307.0	1,074.2	2,785.2
Pumpkin	332.1	912.3	4,720.4
Coriander	178.0	173.1	952.8
Mallow	122.0	47.8	227.8
Okra	140.7	84.5	447.9
Radish	80.8	149.5	798.3
Sweet Corn	4,141.1	13,225.4	32,943.2
Garden Rocket	46.7	94.1	613.8
Turnip	21.3	37.0	141.9
Broccoli	79.6	29.2	194.5

Source: Abu Dhabi Food Control Authority

**Table 1.25: Crop area, quantity and value of production of vegetables in opened field (exposed land) by type of crop in Abu Dhabi Region, 2017**

Type of crop	Crop Area (Donum)	Quantity (Ton)	Value (1000 AED)
<b>Total</b>	<b>4,344.5</b>	<b>13,713.3</b>	<b>37,235.9</b>
Potato	18.4	45.9	100.5
Cabbage	175.2	1,051.4	1,451.6
Hot Pepper	14.1	17.5	85.3
Sweet Pepper	24.9	68.3	325.1
Marrow	515.2	1,159.1	4,283.9
Egg Plant	345.7	1,123.4	2,193.1
Cucumber	36.7	20.2	64.6
Tomato	390.9	2,345.3	6,790.2
Water Melon	26.0	72.8	167.8
Sweet Melon	14.8	51.8	135.5
Lettuce	18.1	15.3	65.2
Onion	46.9	140.7	308.8
Parsley	43.2	98.0	538.0
Beans	327.5	278.3	1,077.5
Beets	13.9	24.3	71.6
Carrot	2.6	4.6	12.5
Cauliflower	19.2	67.0	174.6
Pumpkin	148.5	407.9	2,164.6
Coriander	19.9	12.0	64.2
Mallow	19.2	9.0	42.8
Okra	29.2	17.6	92.9
Radish	8.7	15.9	84.7
Sweet Corn	2,051.0	6,634.9	16,729.8
Garden Rocket	19.4	24.1	157.4
Turnip	0.0	0.0	0.0
Broccoli	15.4	8.0	53.7

Source: Abu Dhabi Food Control Authority

**Table 1.26: Crop area, quantity and value of production of vegetables in opened field (exposed land) by type of crop in Al Ain Region, 2017**

Type of crop	Crop Area (Donum)	Quantity (Ton)	Value (1000 AED)
<b>Total</b>	<b>8,151.7</b>	<b>26,857.8</b>	<b>78,521.6</b>
Potato	112.1	280.4	611.1
Cabbage	126.5	759.0	1,039.8
Hot Pepper	80.7	100.9	489.2
Sweet Pepper	68.2	187.7	893.2
Marrow	1,846.9	4,155.5	15,291.9
Egg Plant	427.4	1,389.1	2,708.4
Cucumber	62.4	34.3	109.9
Tomato	1,876.9	11,261.5	31,023.7
Water Melon	11.5	32.1	74.4
Sweet Melon	48.0	168.0	436.9
Lettuce	73.6	62.5	266.8
Onion	235.8	707.3	1,556.1
Parsley	592.5	902.5	5,009.0
Beans	88.6	75.3	289.8
Beets	103.2	180.5	622.7
Carrot	27.0	47.2	153.3
Cauliflower	169.0	591.7	1,527.0
Pumpkin	126.4	347.6	1,753.9
Coriander	140.7	133.6	714.9
Mallow	84.4	27.2	129.7
Okra	87.6	52.5	278.1
Radish	64.8	120.6	644.4
Sweet Corn	1,616.0	5,168.1	12,514.9
Garden Rocket	6.3	23.0	150.9
Turnip	20.2	35.0	134.4
Broccoli	55.1	14.7	97.2

Source: Abu Dhabi Food Control Authority

**Table 1.27: Crop area, quantity and value of production of vegetables in opened field (exposed land) by type of crop in Al Dhafra Region, 2017**

Type of crop	Crop Area (Donum)	Quantity (Ton)	Value (1000 AED)
<b>Total</b>	<b>2,696.5</b>	<b>10,710.7</b>	<b>24,560.8</b>
Potato	12.9	32.3	71.1
Cabbage	632.0	3,791.8	5,308.6
Hot Pepper	24.7	30.8	149.5
Sweet Pepper	7.0	19.2	91.4
Marrow	266.8	600.2	2,233.0
Egg Plant	280.9	912.8	1,779.7
Cucumber	4.0	2.2	7.0
Tomato	377.8	2,267.0	6,169.5
Water Melon	9.5	26.5	60.7
Sweet Melon	39.0	136.7	362.1
Lettuce	9.1	7.7	32.5
Onion	217.2	647.6	1,418.4
Parsley	43.5	87.8	469.9
Beans	11.9	10.2	39.5
Beets	11.8	20.6	51.2
Carrot	0.3	0.4	1.0
Cauliflower	118.7	415.5	1,083.6
Pumpkin	57.2	157.0	801.9
Coriander	17.4	27.5	173.7
Mallow	18.4	11.6	55.3
Okra	24.0	14.4	76.9
Radish	7.2	13.0	69.2
Sweet Corn	474.1	1,422.4	3,698.5
Garden Rocket	21.0	47.0	305.5
Turnip	1.1	2.0	7.5
Broccoli	9.1	6.5	43.6

Source: Abu Dhabi Food Control Authority

**Table 1.28: Crop area, quantity and value of production of vegetables under protective cover by type of crop, 2017**

Type of crop	Crop Area (Donum)	Quantity (Ton)	Value (1000 AED)
<b>Total</b>	<b>8,230.6</b>	<b>44,337.8</b>	<b>134,878.7</b>
Potato	0.0	0.0	0.0
Cabbage	0.0	0.0	0.0
Hot Pepper	90.2	45.2	218.7
Sweet Pepper	809.7	2,123.2	10,091.9
Marrow	96.0	433.0	1,194.2
Egg Plant	33.1	24.8	48.4
Cucumber	5,660.0	33,587.0	97,465.5
Tomato	1,454.5	8,000.0	25,174.5
Water Melon	0.0	0.0	0.0
Sweet Melon	0.0	0.0	0.0
Lettuce	37.9	37.6	200.8
Onion	0.0	0.0	0.0
Parsley	0.9	1.8	9.9
Beans	11.3	11.3	43.7
Beets	0.0	0.0	0.0
Carrot	0.0	0.0	0.0
Cauliflower	0.0	0.0	0.0
Pumpkin	0.0	0.0	0.0
Coriander	5.0	14.6	77.9
Mallow	3.2	3.2	18.4
Okra	0.0	0.0	0.0
Radish	0.0	0.0	0.0
Sweet Corn	0.0	0.0	0.0
Garden Rocket	14.9	35.5	197.3
Turnip	0.0	0.0	0.0
Broccoli	13.9	20.5	137.5

Source: Abu Dhabi Food Control Authority

**Table 1.29: Crop area, quantity and value of production of vegetables under protective cover by type of crop in Abu Dhabi Region, 2017**

Type of crop	Crop Area (Donum)	Quantity (Ton)	Value (1000 AED)
<b>Total</b>	<b>1,011.4</b>	<b>5,529.1</b>	<b>16,266.9</b>
Potato	0.0	0.0	0.0
Cabbage	0.0	0.0	0.0
Hot Pepper	8.1	4.1	19.7
Sweet Pepper	73.0	192.7	915.3
Marrow	2.0	9.0	24.6
Egg Plant	9.0	6.7	13.2
Cucumber	712.0	4,290.0	12,102.3
Tomato	179.8	989.0	2,996.8
Water Melon	0.0	0.0	0.0
Sweet Melon	0.0	0.0	0.0
Lettuce	11.1	11.1	60.7
Onion	0.0	0.0	0.0
Parsley	0.0	0.0	0.0
Beans	6.1	6.1	23.7
Beets	0.0	0.0	0.0
Carrot	0.0	0.0	0.0
Cauliflower	0.0	0.0	0.0
Pumpkin	0.0	0.0	0.0
Coriander	5.0	14.6	77.9
Mallow	3.2	3.2	18.4
Okra	0.0	0.0	0.0
Radish	0.0	0.0	0.0
Sweet Corn	0.0	0.0	0.0
Garden Rocket	2.1	2.6	14.3
Turnip	0.0	0.0	0.0
Broccoli	0.0	0.0	0.0

Source: Abu Dhabi Food Control Authority

**Table 1.30: Crop area, quantity and value of production of vegetables under protective cover by type of crop in Al Ain Region, 2017**

Type of crop	Crop Area (Donum)	Quantity (Ton)	Value (1000 AED)
<b>Total</b>	<b>5,083.9</b>	<b>28,183.8</b>	<b>85,052.6</b>
Potato	0.0	0.0	0.0
Cabbage	0.0	0.0	0.0
Hot Pepper	30.0	15.0	72.6
Sweet Pepper	267.3	659.5	3,139.3
Marrow	90.0	405.0	1,118.8
Egg Plant	22.1	16.6	32.3
Cucumber	3,808.0	22,555.1	65,977.3
Tomato	808.9	4,448.6	14,235.6
Water Melon	0.0	0.0	0.0
Sweet Melon	0.0	0.0	0.0
Lettuce	26.8	26.5	140.1
Onion	0.0	0.0	0.0
Parsley	0.0	0.0	0.0
Beans	4.2	4.2	16.1
Beets	0.0	0.0	0.0
Carrot	0.0	0.0	0.0
Cauliflower	0.0	0.0	0.0
Pumpkin	0.0	0.0	0.0
Coriander	0.0	0.0	0.0
Mallow	0.0	0.0	0.0
Okra	0.0	0.0	0.0
Radish	0.0	0.0	0.0
Sweet Corn	0.0	0.0	0.0
Garden Rocket	12.8	32.9	183.0
Turnip	0.0	0.0	0.0
Broccoli	13.8	20.5	137.5

Source: Abu Dhabi Food Control Authority

**Table 1.31: Crop area, quantity and value of production of vegetables under protective cover by type of crop in Al Dhafra Region, 2017**

Type of crop	Crop Area (Donum)	Quantity (Ton)	Value (1000 AED)
<b>Total</b>	<b>2,135.2</b>	<b>10,624.7</b>	<b>33,559.2</b>
Potato	0.0	0.0	0.0
Cabbage	0.0	0.0	0.0
Hot Pepper	52.1	26.2	126.4
Sweet Pepper	469.4	1,271.0	6,037.3
Marrow	4.0	19.0	50.8
Egg Plant	2.0	1.5	2.9
Cucumber	1,140.0	6,741.8	19,385.9
Tomato	465.8	2,562.4	7,942.1
Water Melon	0.0	0.0	0.0
Sweet Melon	0.0	0.0	0.0
Lettuce	0.0	0.0	0.0
Onion	0.0	0.0	0.0
Parsley	0.9	1.8	9.9
Beans	1.0	1.0	3.9
Beets	0.0	0.0	0.0
Carrot	0.0	0.0	0.0
Cauliflower	0.0	0.0	0.0
Pumpkin	0.0	0.0	0.0
Coriander	0.0	0.0	0.0
Mallow	0.0	0.0	0.0
Okra	0.0	0.0	0.0
Radish	0.0	0.0	0.0
Sweet Corn	0.0	0.0	0.0
Garden Rocket	0.0	0.0	0.0
Turnip	0.0	0.0	0.0
Broccoli	0.0	0.0	0.0

Source: Abu Dhabi Food Control Authority

## 1.5 Forests, Trees and Dates Production

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 Dhafra region up to the edge of the Empty Quarter. They also spread in Abu Dhabi Region 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 1.32: Number and area of forest trees by region, 2017**

(Area in Donums)

Region	Item	2017
Total	Number	13,297,691
	Area	1,888,030
Abu Dhabi Region	Number	2,992,729
	Area	200,330
Al Ain Region	Number	3,370,436
	Area	547,950
Al Dhafra Region	Number	6,934,526
	Area	1,139,750

Source: Environmental Agency - Abu Dhabi

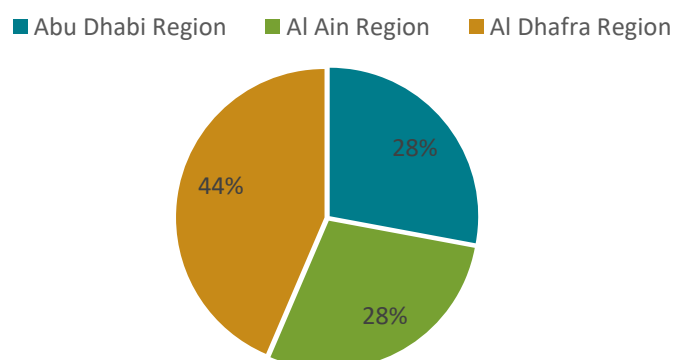
**Table 1.33: Number and area of forest trees\* (Windbreaks) in plant holdings by type and region, 2017**

(Area in Donums)

Type of crop	Total		Abu Dhabi Region		Al Ain Region		Al Dhafra Region	
	Number	Area	Number	Area	Number	Area	Number	Area
Total	1,154,739	16,701	358,245	4,664	403,374	4,762	393,120	7,275
Damas	384,455	3,679	112,820	1,010	167,703	1,509	103,932	1,160
Raaq	71,729	1,117	5,926	63	32,086	450	33,717	604
Cider	263,943	5,904	134,228	3,125	51,664	1,100	78,051	1,679
Samar	1,608	34	0	0	799	15	809	20
Ghaf	219,456	4,456	24,037	343	56,901	1,142	138,518	2,971
Ghwaf	19,329	458	403	5	3,276	40	15,650	413
Kenyah	1,814	41	62	1	1,112	16	640	24
Ornamental Tree	116,540	161	77,692	85	38,120	68	728	8
Others	75,865	850	3,077	32	51,713	422	21,075	396

Source: Abu Dhabi Food Control Authority

\* Windbreaks in plant holdings.

**Figure 1.7: Percentage distribution of forest trees area by region, 2017**

Source: Statistics Centre - Abu Dhabi

**Table 1.34: Quantity and value of dates produced and received to ALFOAH Company by region, 2015 to 2017**

(Quantity: tons, Value: 1000 AED)

Region	Item	2015	2016	2017
Total	Quantity	93,075	96,037	89,938
	Value	579,282	600,149	489,689
Abu Dhabi Region	Quantity	8,103	5,745	5,464
	Value	45,006	25,882	24,376
Al Ain Region	Quantity	53,839	55,706	52,869
	Value	320,580	341,631	282,469
Al Dhafra Region	Quantity	31,133	34,586	31,605
	Value	213,696	232,636	182,844

Source: Al Foah Company

## 1.6 Irrigated areas

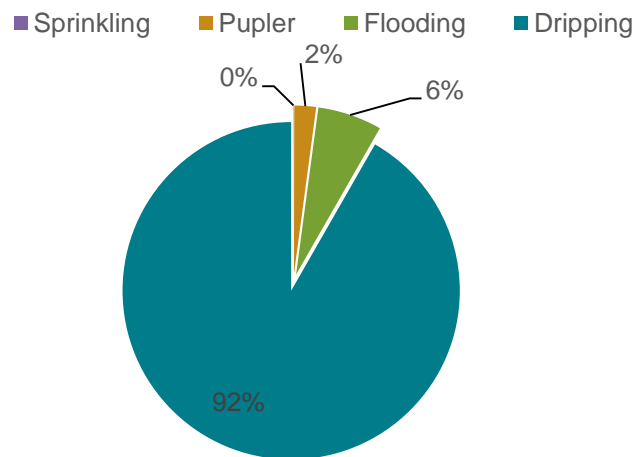
**Table 1.35: Irrigated areas by type of irrigation system and region, 2017**

(Area in Donums)

Region	Irrigation system				Total
	Dripping	Flooding	Pupler	Sprinkling	
<b>Total</b>	<b>341,117</b>	<b>22,923</b>	<b>7,750</b>	<b>119</b>	<b>371,909</b>
Abu Dhabi Region	36,344	1,432	0	0	37,776
Al Ain Region	180,508	20,204	7,605	99	208,416
Al Dhafra Region	124,265	1,287	145	20	125,717

Source: Abu Dhabi Food Control Authority

**Figure 1.8: Percentage distributions of irrigated areas by type of irrigation system, 2017**



Source: Statistics Centre - Abu Dhabi

**Table 1.36: Irrigated areas by type of irrigation system and region in Abu Dhabi Region, 2017**

(Area in Donums)

Region	Irrigation system				Total
	Dripping	Flooding	Pupler	Sprinkling	
<b>Total</b>	<b>36,344</b>	<b>1,432</b>	<b>0</b>	<b>0</b>	<b>37,776</b>
Al Rahba	24,422	49	0	0	24,471
Al Khatim	11,922	1,383	0	0	13,305

Source: Abu Dhabi Food Control Authority

**Table 1.37: Irrigated areas by type of irrigation system and region in Al Ain Region, 2017**

(Area in Donums)

Region	Irrigation system				Total
	Dripping	Flooding	Pupler	Sprinkling	
<b>Total</b>	<b>180,508</b>	<b>20,204</b>	<b>7,605</b>	<b>99</b>	<b>208,416</b>
Abu Kreyah	11,261	33	0	0	11,294
Al Khazna	8,085	232	147	0	8,464
Al Damtha	3,832	806	0	0	4,638
Al Saad	2,392	552	167	20	3,131
Al Salamat	2,445	571	0	0	3,016
Al Shewaib	10,023	49	0	15	10,087
Al Dhahra	16,702	638	18	0	17,358
Al Arad	10,030	2,222	0	0	12,252
Al Oya	8,399	5,710	405	48	14,562
Seih Bin Ammar	2,863	16	0	0	2,879
Al Fagah	3,896	1,808	0	0	5,704
Al Qattara	4,592	1,919	0	0	6,511
Al Quaa	8,037	267	744	2	9,050
Al Hayer	7,863	2,535	0	3	10,401
Al Wagan	966	377	28	0	1,371
Al Yahar	758	2	1,257	0	2,017
Um Ghafa	15,353	49	572	0	15,974
Beda Fares	8,390	605	3,932	11	12,938
Remah	8,620	72	0	0	8,692
Sweiha	5,739	1,061	299	0	7,099
Seih Herez	12,072	97	36	0	12,205
Seraa	9,771	56	0	0	9,827
Gumodh	8,302	63	0	0	8,365
Masakin	3,607	337	0	0	3,944
Naahal	6,510	127	0	0	6,637

Source: Abu Dhabi Food Control Authority

**Table 1.38: Irrigated areas by type of irrigation system and region in Al Dhafra Region, 2017**

(Area in Donums)

Region	Irrigation system				Total
	Dripping	Flooding	Pupler	Sprinkling	
<b>Total</b>	<b>124,265</b>	<b>1,287</b>	<b>145</b>	<b>20</b>	<b>125,717</b>
Al Tharwaniya	22,703	24	59	19	22,805
Al Silaa	771	0	0	0	771
Al Dhafra	749	0	0	0	749
Al Mirfaa	525	0	0	0	525
Um Al Hesn	10,623	30	0	0	10,653
Hassan	19,759	324	0	0	20,083
Hamim	10,769	51	0	0	10,820
Delma	735	29	0	0	764
Seih Al Khair	17,764	0	0	1	17,765
Ghayathi	10,018	24	0	0	10,042
Madinat Zayed	5,990	637	0	0	6,627
Muzairaa	23,859	168	86	0	24,113

Source: Abu Dhabi Food Control Authority

## 1.7 Agricultural producer price index.

**Table 1.39: Agricultural producer price index , 2017**

(2016 = 100)

Type of Crop	2017
<b>All Products</b>	<b>102.4</b>
Tomato	104.8
Sweet Pepper	112.3
Hot Pepper	85.3
Cucumber	60.0
Marrow	97.8
Water Melon	28.1
Sweet Melon	113.7
Onion	99.8
Beans	86.0
Eggplant	115.1
Cauliflower	124.0
Cabbage	97.5
Lettuce	137.1
Pumpkin	52.2
Coriander	53.9
Beets	51.7
Parsley	81.1
Potato	61.3
Corn	82.7
Radish	16.9
Carrot	61.0
Okra	217.9

Source: Statistics Centre - Abu Dhabi

## 1.8 Wells

**Table 1.40: Number of agricultural wells by region, 2017**

Region	working wells	non-working wells	Total
<b>Total</b>	<b>41,341</b>	<b>22,096</b>	<b>63,437</b>
Abu Dhabi Region	1,536	421	1,957
Al Ain Region	26,491	12,480	38,971
Al Dhafra Region	13,314	9,195	22,509

Source: Abu Dhabi Food Control Authority

**Table 1.41: Number of agricultural wells by region In Abu Dhabi Region, 2017**

Region	working wells	non-working wells	Total
<b>Total</b>	<b>1,536</b>	<b>421</b>	<b>1,957</b>
Al Rahba	1	0	1
Al Khatim	1,535	421	1,956

Source: Abu Dhabi Food Control Authority

**Table 1.42: Number of agricultural wells by region In Al Ain Region, 2017**

Region	working wells	non-working wells	Total
<b>Total</b>	<b>26,491</b>	<b>12,480</b>	<b>38,971</b>
Abu Kreyah	2,053	787	2,840
Al Khazna	1,305	276	1,581
Al Damtha	549	328	877
Al Saad	426	388	814
Al Salamat	1,009	677	1,686
Al Shewaib	221	70	291
Al Dhahra	1,526	1,421	2,947
Al Arad	2,155	1,027	3,182
Al Oya	1,615	372	1,987
Seih Bin Ammar	1,146	362	1,508
Al Fagah	343	136	479
Al Qattara	604	466	1,070
Al Quaa	721	373	1,094
Al Hayer	905	239	1,144
Al Wagan	1,118	423	1,541
Al Yahar	175	258	433
Um Ghafa	339	153	492
Beda Fares	1,762	642	2,404
Remah	1,234	838	2,072
Sweihan	764	287	1,051
Seih Herez	2,254	1,140	3,394
Seraa	1,111	625	1,736
Gumodh	1,579	757	2,336
Masakin	454	206	660
Naahal	1,123	229	1,352

Source: Abu Dhabi Food Control Authority

**Table 1.43: Number of agricultural wells by region In Al Dhafra Region, 2017**

Region	working wells	non-working wells	Total
<b>Total</b>	<b>13,314</b>	<b>9,195</b>	<b>22,509</b>
Al Tharwaniya	2,575	1,972	4,547
Al Dhafra	68	109	177
Um Al Hesn	1,359	916	2,275
Hassan	2,256	1,090	3,346
Hamim	1,447	789	2,236
Seih Al Khair	1,266	327	1,593
Ghayathi	885	787	1,672
Madinat Zayed	838	691	1,529
Muzairaa	2,620	2,514	5,134

Source: Abu Dhabi Food Control Authority

## 1.9 Green Houses

**Table 1.44: Number and area of Green house by region, 2016 and 2017**

(Area in Donums)

Region	Item	2016	2017
<b>Total</b>	Number	<b>16,037</b>	<b>15,340</b>
	Area	<b>5,504</b>	<b>5,118</b>
Abu Dhabi Region	Number	2,227	2,130
	Area	693	611
Al Ain Region	Number	9,821	9,394
	Area	3,421	2,939
Al Dhafra Region	Number	3,989	3,816
	Area	1,390	1,568

Source: Abu Dhabi Food Control Authority

**Table 1.45: Number and area of Green house by region in Abu Dhabi Region, 2017**

(Area in Donums)

Region	Number	Area
<b>Total</b>	<b>2,130</b>	<b>611</b>
Al Khatim	717	206
Al Rahba	1,413	405

Source: Abu Dhabi Food Control Authority

**Table 1.46: Number and area of Green house by region in Al Ain Region, 2017**

(Area in Donums)

Region	Number	Area
<b>Total</b>	<b>9,394</b>	<b>2,939</b>
Abu Kreyah	404	104
Al Khazna	227	50
Al Arad	315	101
Al Damtha	258	94
Al Dhahra	466	186
Al Fagah	221	60
Al Hayer	1,972	600
Al Oya	114	40
Al Qattara	204	60
Al Saad	32	35
Al Salamat	334	95
Al Shewaib	162	92
Al Wagan	29	9
Al Yahar	24	5
Beda Fares	579	160
Gumodh	745	262
Masakin	100	29
naahal	256	88
Remah	872	223
Seih Bin Ammar	916	226
Seih Herez	483	150
Seraa	268	122
Sweihan	313	118
Um Ghafa	100	30
Al Quaa	0	0

Source: Abu Dhabi Food Control Authority

**Table 1.47: Number and area of Green house by region in Al Dhafra Region, 2017**

(Area in Donums)

Region	Number	Area
<b>Total</b>	<b>3,816</b>	<b>1,568</b>
Al Dhafra	0	0
Al Mirfaa	0	0
Al Silaa	0	0
Al Tharwaniya	681	207
Delma	16	4
Ghayathi	0	0
Hamim	187	61
Hassan	285	63
Madinat Zayed	5	2
Muzairaa	843	312
Seih Al Khair	1,757	903
Um Al Hassan	42	16

Source: Abu Dhabi Food Control Authority

## 1.10 Agricultural pesticides

**Table 1.48: Quantity of chemicals used by type and region, 2016 to 2017**

(Quantity in liter)

Region	2016	2017
<b>Total</b>	<b>21,394</b>	<b>15,522</b>
Abu Dhabi Region	1,564	438
Al Ain Region	12,047	9,287
Al Dhafra Region	7,783	5,797

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 2017**

Value: 000 AED

Year	Imports	Exports	Re-Exports
2005	3,317,479	293,298	163,206
2006	3,627,429	343,956	94,308
2007	4,432,513	448,799	130,883
2008	5,679,425	614,156	131,842
2009	6,395,953	447,497	91,691
2010	6,705,980	561,996	115,901
2011	8,275,498	584,835	116,382
2012	8,424,456	617,930	84,967
2013	8,402,764	609,325	78,866
2014	9,037,554	750,005	64,324
2015	8,704,060	1,708,345	76,292
2016	7,684,912	1,438,944	918,762
2017	7,781,721	1,051,358	582,909

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 2017**



Source: Statistics Centre - Abu Dhabi

**Table 2.2: Value of Emirate of Abu Dhabi imports of agricultural goods and foods, 2014 to 2017**

( Value: 000 AED)

Description	2014	2015	2016	2017
<b>Total</b>	<b>9,037,554</b>	<b>8,704,060</b>	<b>7,684,912</b>	<b>7,781,721</b>
Live animals and their products	2,658,466	2,840,842	2,901,996	3,067,278
Vegetable products	3,245,970	2,907,704	2,121,835	2,129,970
Animals or vegetable fats, oils and waxes	394,317	396,908	445,529	419,620
Foodstuffs, beverages, spirits and tobacco	2,590,281	2,433,772	2,142,742	2,098,519
Fertilizers	122,323	99,634	57,085	54,303
Pesticides and rodents, fungi, weeds	26,196	25,201	15,726	12,031

Source: Statistics Centre - Abu Dhabi

**Table 2.3: Value of Emirate of Abu Dhabi of exports of agricultural goods and food, 2014 to 2017**

( Value: 000 AED)

Description	2014	2015	2016	2017
<b>Total</b>	<b>750,005</b>	<b>1,708,345</b>	<b>1,438,944</b>	<b>1,051,358</b>
Live animals and their products	186,221	804,639	407,169	227,557
Vegetable products	57,471	67,894	77,880	89,480
Animals or vegetable fats, oils and waxes	204,544	175,702	219,675	156,347
Foodstuffs, beverages, spirits and tobacco	217,312	587,198	672,768	528,066
Fertilizers	82,660	66,991	59,275	47,552
Pesticides and rodents, fungi, weeds	1,797	5,921	2,177	2,356

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, 2014 to 2017**

( Value: 000 AED)

Description	2014	2015	2016	2017
<b>Total</b>	<b>64,324</b>	<b>76,292</b>	<b>918,762</b>	<b>582,909</b>
Live animals and their products	22,295	27,409	17,023	18,996
Vegetable products	15,852	23,958	12,343	22,028
Animals or vegetable fats, oils and waxes	344.66	497	591	1,123
Foodstuffs, beverages, spirits and tobacco	22,638	23,192	887,654	540,746
Fertilizers	2,617	469	707	0
Pesticides and rodents, fungi, weeds	577	768	443	16

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 2017**

(Quantity: tons)

Year	Imports	Exports	Re-Exports
2005	85,897	18,805	310
2006	24,336	19,455	552
2007	22,112	20,568	308
2008	20,892	20,361	188
2009	18,690	19,138	103
2010	24,707	18,935	300
2011	24,472	18,692	403
2012	27,329	19,866	207
2013	41,547	17,422	161
2014	50,686	23,632	804
2015	46,138	110,166	251
2016	34,202	22,607	480
2017	35,102	17,532	0

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 2017**

( Value: 000 AED)

Year	Imports	Exports	Re-Exports
2005	61,320	37,020	683
2006	34,600	38,832	1,335
2007	33,595	47,346	474
2008	54,408	79,692	202
2009	38,648	51,036	948
2010	52,728	53,929	630
2011	55,944	61,426	1,334
2012	74,647	75,709	207
2013	104,524	55,022	95
2014	122,323	82,660	2,617
2015	99,634	66,991	469
2016	57,085	59,275	707
2017	54,303	47,552	0

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.

## **Data sources**

The report data was sourced from Abu Dhabi Food Control Authority, Abu Dhabi Farmer's Services Centre, Department of Municipalities (Abu Dhabi, Al Ain, Al Dhafra) 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.
- Data of 2016 for Abu Dhabi region and Al Ain region were adjusted in Table 1.1.
- 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 October 2019 for 2018 data.

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