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diwan@pcbs.gov.ps :

<http://www.pcbs.gov.ps> :



فخامة الرئيس محمود عباس "أبو مازن"

رئيس اللجنة التنفيذية لمنظمة التحرير الفلسطينية

رئيس السلطة الوطنية الفلسطينية







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		2010/2009
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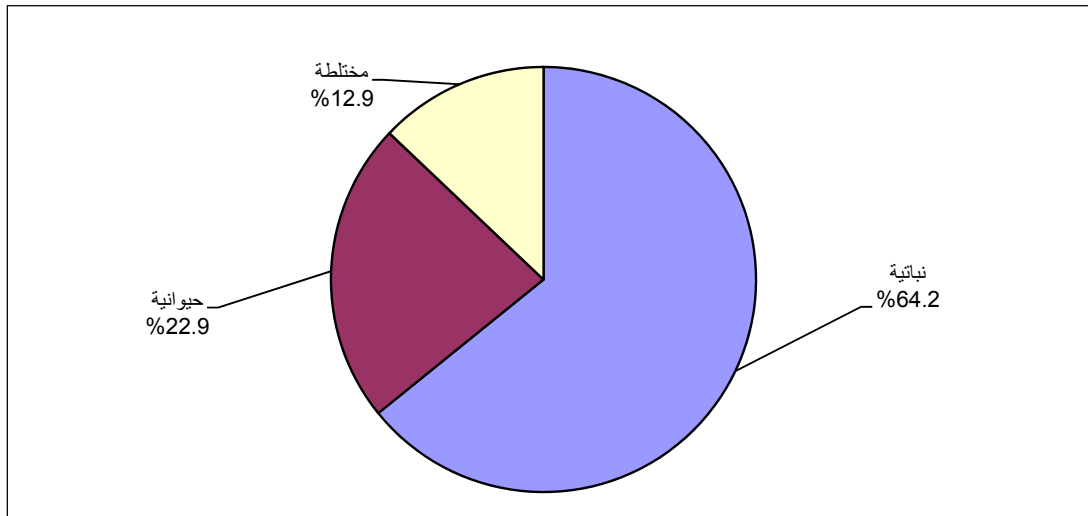


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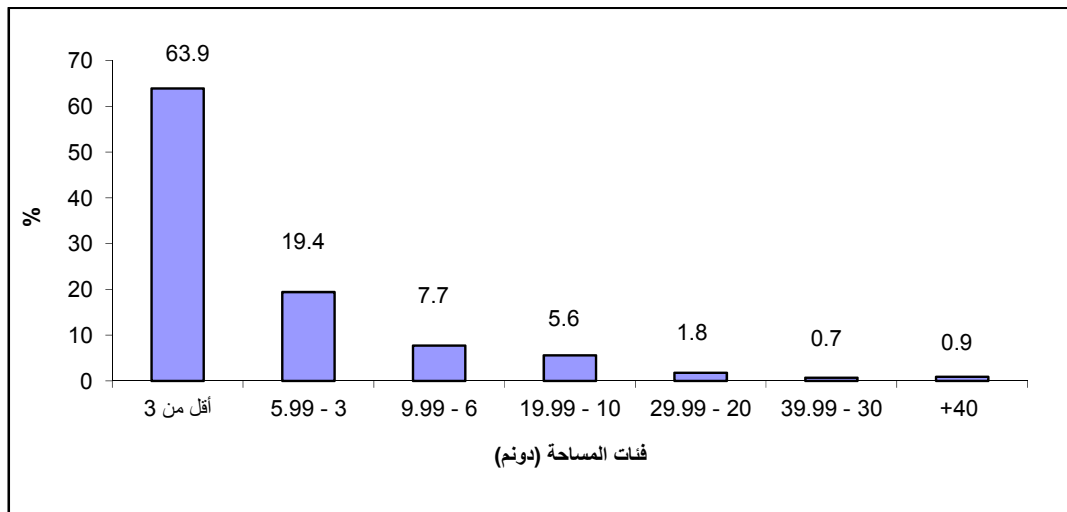
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			%63.9		
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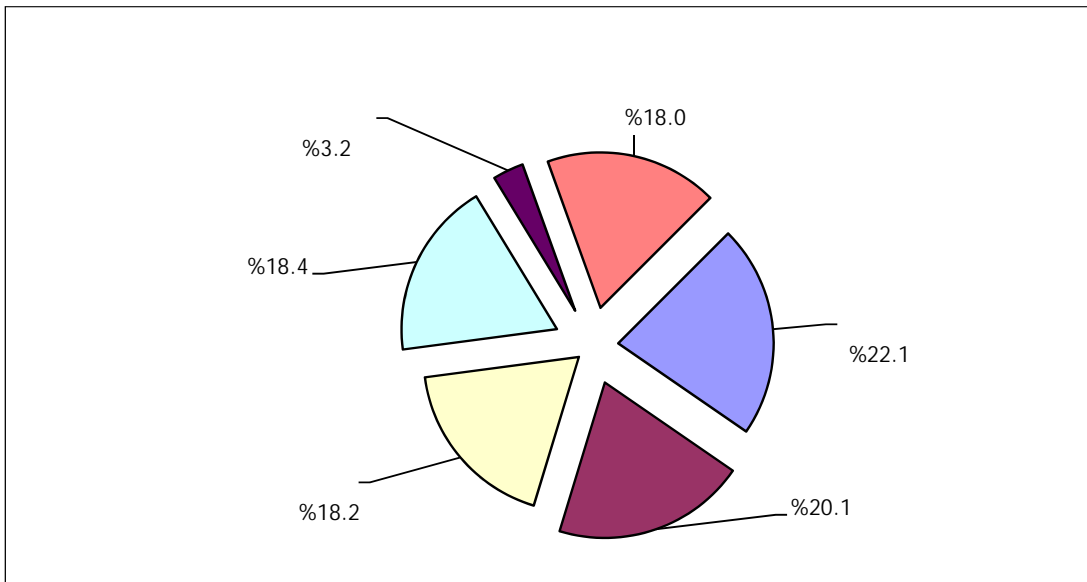
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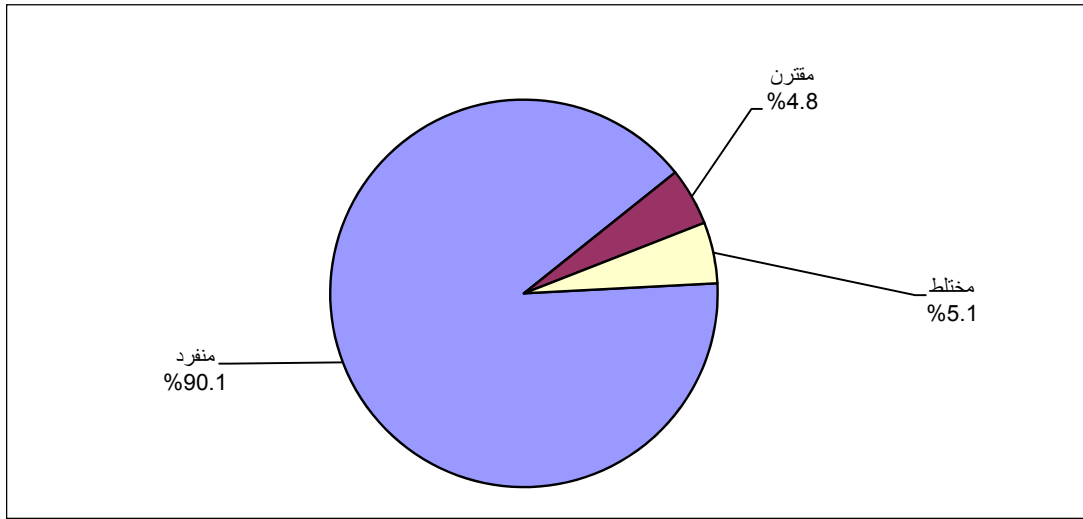
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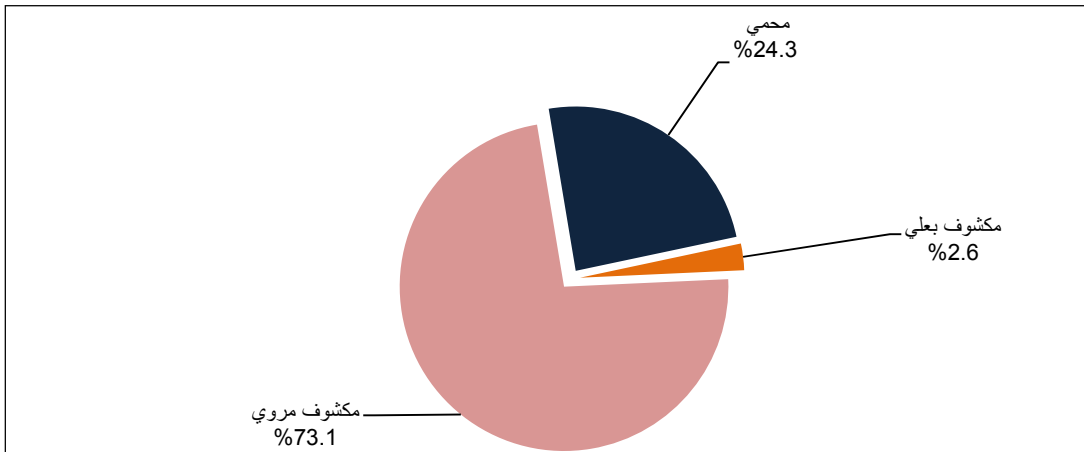
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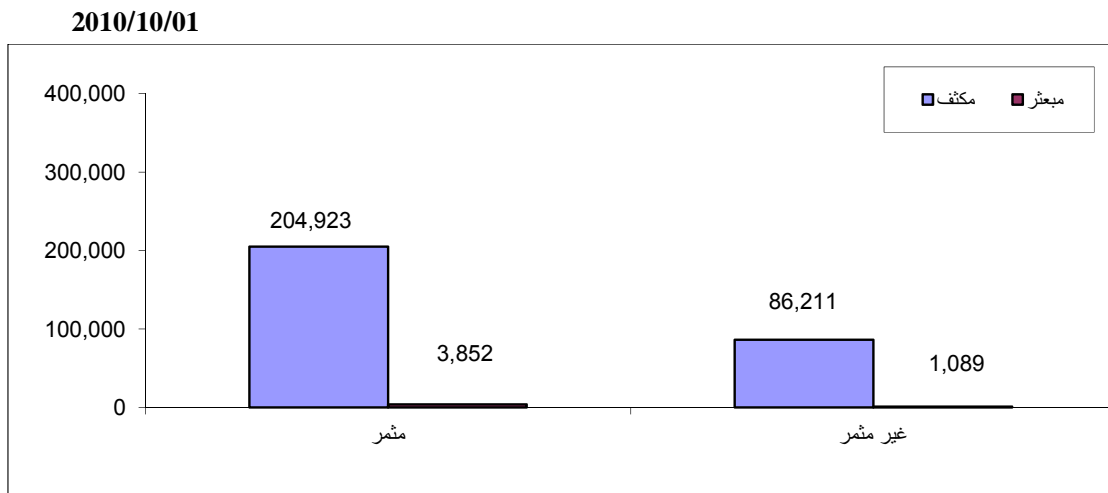
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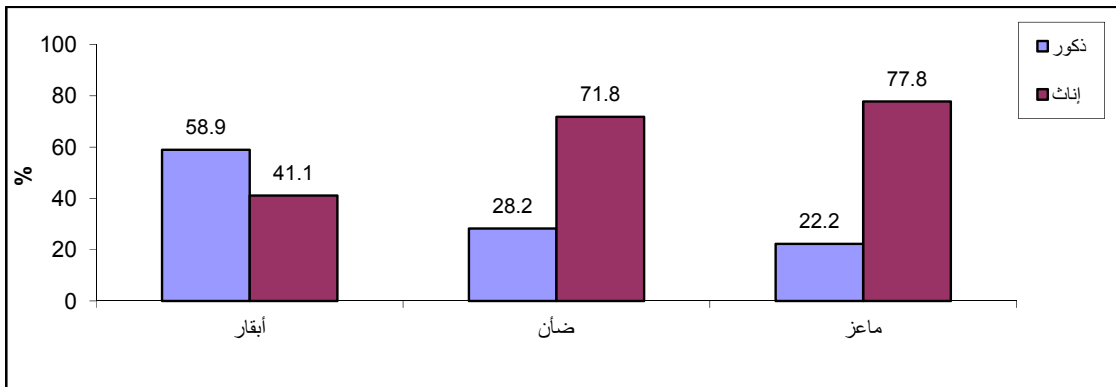
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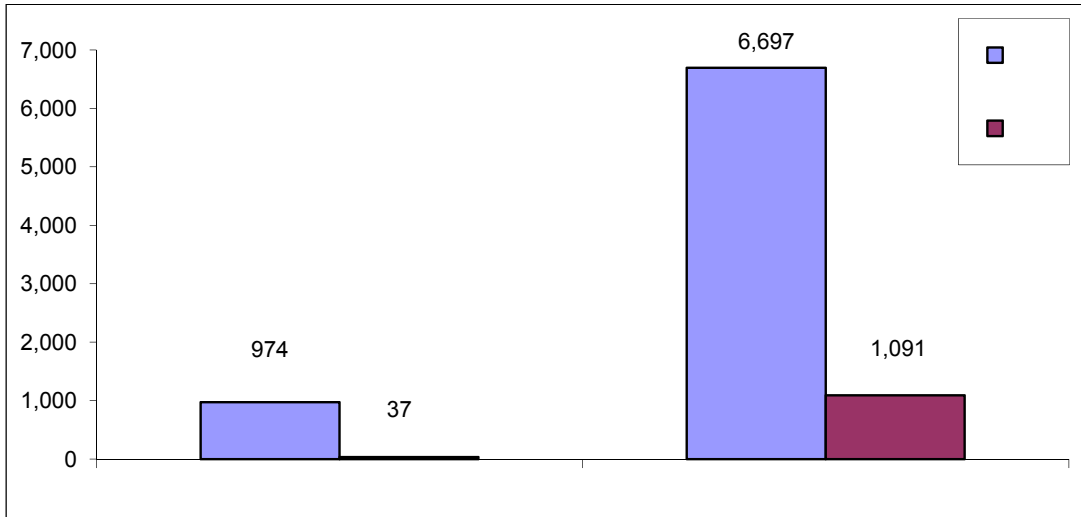
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# Tables



جدول 1: عدد الحائزين الزراعيين في محافظة شمال غزة حسب الفئة العمرية للحائز والتجمع، 2010/2009

Table 1: Number of Agricultural Holders in North Gaza Governorate by Age Group of Holder and Locality, 2009/2010

Locality	Total	Age Group of Holder							
		لا ينطبق Not Applicable	Not Stated	+ 60	59 - 50	49 - 40	39 - 30	29 -15	
<b>North Gaza Governorate</b>	<b>4,628</b>	<b>2</b>	<b>4</b>	<b>1,083</b>	<b>1,041</b>	<b>1,299</b>	<b>862</b>	<b>337</b>	
Um Al-Nnaser (Al Qaraya al Badawiya al Maslakh)	196	-	-	19	30	63	50	34	) (
Beit Lahiya	1,554	-	2	331	312	410	350	149	
Beit Hanun	982	1	-	212	250	291	172	56	
Jabalya Camp	95	-	-	17	22	31	19	6	
Jabalya	1,801	1	2	504	427	504	271	92	

جدول 2: عدد الحائزين الزراعيين في محافظة شمال غزة حسب المهنة الرئيسية للحائز ونوع التجمع، 2010/2009

**Table 2: Number of Agricultural Holders in North Gaza Governorate by Main Occupation of Holder and Type of Locality, 2009/2010**

Type of Locality	Total	Main Occupation of Holder				نوع التجمع
		لا ينطبق Not Applicable	Not Stated	Other Than Agriculture	Agriculture	
Urban	4,336	2	19	2,890	1,425	
Rural	197	-	4	93	100	
Camp	95	-	1	81	13	
<b>Total</b>	<b>4,628</b>	2	24	<b>3,064</b>	<b>1,538</b>	

2010/2009

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**Table 3: Number of Agricultural Holders in North Gaza Governorate by Educational Attainment of Holder and Type of Locality, 2009/2010**

Type of Locality	Total	Educational Attainment of Holder							
		لا ينطبق Not Applicable	Bachelor and Above	Associate Diploma	Secondary	Preparatory	Elementary	Can Read and Write	Illiterate
Urban	4,336	2	807	143	806	772	870	448	488
Rural	197	-	7	1	20	45	46	21	57
Camp	95	-	18	5	24	25	15	3	5
<b>Total</b>	<b>4,628</b>	<b>2</b>	<b>832</b>	<b>149</b>	<b>850</b>	<b>842</b>	<b>931</b>	<b>472</b>	<b>550</b>

جدول 4: عدد الحيازات الزراعية في محافظة شمال غزة حسب أسلوب إدارة الحيازة والغرض الرئيسي للإنتاج، 2010/2009

**Table 4: Number of Agricultural Holdings in North Gaza Governorate by Holding Management Method and Main Purpose of Production, 2009/2010**

Main Purpose of Production	المجموع Total	Holding Management Method			الغرض الرئيسي للإنتاج	
		Not Stated	Member of the Holders Family	Paid Manager		أسلوب إدارة الحيازة Holder Himself
For Household Consumption	1,045	1	266	25	753	للاستهلاك الأسري أساساً
For Sale	2,976	-	554	50	2,372	للبيع أساساً
Not Stated	786	14	110	8	654	غير مبين
<b>Total</b>	<b>4,807</b>	<b>15</b>	<b>930</b>	<b>83</b>	<b>3,779</b>	المجموع



2010/2009

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**Table 5: Number of Agricultural Holdings in North Gaza Governorate by Main Purpose of Production and Area Group of Holding, 2009/2010**

Area Group of Holding in Dunum	Total	Main Purpose of Production			
		Not Stated	For Sale	For Household Consumption	
Up to 2.99	<b>3,071</b>	471	1,763	837	حتى 2.99
3 - 5.99	<b>933</b>	158	647	128	5.99 - 3
6 - 9.99	<b>368</b>	77	244	47	9.99 - 6
10 - 19.99	<b>270</b>	55	192	23	19.99 - 10
20 - 29.99	<b>85</b>	10	68	7	29.99 - 20
30 - 39.99	<b>36</b>	8	28	-	39.99 - 30
40 - 49.99	<b>11</b>	-	10	1	49.99 - 40
50 - 59.99	<b>6</b>	2	4	-	59.99 - 50
60 - 69.99	<b>10</b>	2	8	-	69.99 - 60
70 - 79.99	<b>5</b>	-	4	1	79.99 - 70
80 +	<b>12</b>	3	8	1	+ 80
<b>Total</b>	<b>4,807</b>	<b>786</b>	<b>2,976</b>	<b>1,045</b>	

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**Table 6: Number of Agricultural Holdings in North Gaza Governorate by Main Purpose of production and Size of Holder Household, 2009/2010**

Size of Holder Household	Total	Main Purpose of Production			
		Not Stated	For Sale	For Household Consumption	
One Person	55	14	33	8	
2 - 3	657	123	406	128	3 - 2
4 - 5	784	134	477	173	5 - 4
6 - 9	2,199	361	1,368	470	9 - 6
10 +	1,111	154	691	266	+ 10
Not Applicable	1	-	1	-	
<b>Total</b>	<b>4,807</b>	<b>786</b>	<b>2,976</b>	<b>1,045</b>	

جدول 7: عدد الحيازات الزراعية في محافظة شمال غزة حسب الغرض الرئيسي للإنتاج وحق الانتفاع، 2010/2009

**Table 7: Number of Agricultural Holdings in North Gaza Governorate by Main Purpose of Production and Land Tenure, 2009/2010**

Land Tenure	Total	Main Purpose of Production			حق الانتفاع
		Not Stated	For Sale	For Household Consumption	
Owned or Owned Like Possession	4,010	752	2,284	974	
Rented	442	24	399	19	
Held Under Atribal or Traditional Form	2	-	2	-	
Govera-mented or Waqf	189	4	148	37	
More Than One Type of Land Tenure	123	1	112	10	
Not Stated	41	5	31	5	
<b>Total</b>	<b>4,807</b>	<b>786</b>	<b>2,976</b>	<b>1,045</b>	المجموع

جدول 8: عدد الحيازات الزراعية في محافظة شمال غزة حسب نوع الحيازة والغرض الرئيسي للإنتاج، 2010/2009

**Table 8: Number of Agricultural Holdings in North Gaza Governorate by Type of Holding and Main Purpose of Production, 2009/2010**

Main Purpose of Production	Total	Type of Holding			الغرض الرئيسي للإنتاج
		مختلطة Mixed	حيوانية Animal	نباتية Plant	
For Household Consumption	1,045	111	277	657	
For Sale	2,976	504	819	1,653	
Not Stated	786	6	5	775	
<b>Total</b>	<b>4,807</b>	<b>621</b>	<b>1,101</b>	<b>3,085</b>	

جدول 9: مساحة الحيازات الزراعية في محافظة شمال غزة حسب نوع استخدام الارض والتجمع، كما هو في 2010/10/01

Table 9: Area of Agricultural Holdings in North Gaza Governorate by Type of Land Use and Locality, As in 01/10/2010

Area in Dunums

Locality	Total	Type of Land Use									التجمع
		Cultivated Land					Un Cultivated Land				
		Total	Nurseries	Land Under Temporarily Fallow	Wooded Land	Cultivated Land	Total	Others *	( ) Permanent Meadows and Pastures	Buildings Used for Holdings	
<b>North Gaza Governorate</b>	<b>20,523.56</b>	<b>19,091.40</b>	<b>25.05</b>	<b>6,259.48</b>	<b>12.72</b>	<b>12,794.15</b>	<b>1,432.16</b>	<b>52.48</b>	<b>913.16</b>	<b>466.52</b>	
Um Al-Nnaser (Al Qaraya al Badawiya al	277.82	251.18	-	72.25	-	178.93	26.64	0.10	4.00	22.54	أم النصر (القرية البدوية المسلخ)
Beit Lahiya	8,112.31	7,881.09	10.90	1,101.89	5.30	6,763.00	231.22	18.92	82.01	130.29	بيت لاهيا
Beit Hanun	5,914.60	5,480.87	10.24	2,717.28	5.20	2,748.15	433.73	14.36	332.61	86.76	بيت حانون
Jabalya Camp	37.68	28.40	-	19.30	-	9.10	9.28	-	2.12	7.16	مُحَيِّم جَبَالِيَا
Jabalya	6,181.15	5,449.86	3.91	2,348.76	2.22	3,094.97	731.29	19.10	492.42	219.77	جَبَالِيَا

\*Others: include pools, corridors, non-arable land, and non-covered folds

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**جدول 10: المساحة المزروعة بأشجار البستنة والخضراوات والمحاصيل الحقلية في محافظة شمال غزة حسب التجمع، 2010/2009**  
**Table 10: Cultivated Area of Horticulture Trees, Vegetables and Field Crops in North Gaza Governorate by Locality, 2009/2010**

Area in Dunums

Lcality	Total	Field Crops	Vegetables	Horticulture Trees	التجمع
<b>North Gaza Governorate</b>	<b>15,378.41</b>	<b>2,379.77</b>	<b>6,652.25</b>	<b>6,346.39</b>	
Um Al-Nnaser (Al Qaraya al Badawiya al Maslakh)	278.93	76.50	147.50	54.93	أم النصر (القرية البدوية المسلخ)
Beit Lahiya	8,819.79	876.51	5,959.49	1,983.79	بيت لاهيا
Beit Hanun	2,886.82	825.38	299.57	1,761.87	بيت حانون
Jabalya Camp	8.65	-	-	8.65	مخيم جباليا
Jabalya	3,384.22	601.38	245.69	2,537.15	جباليا

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**Table 11: Number of Agricultural Holdings in North Gaza Governorate by Type of Holding and Main Source of Agricultural Extension, 2009/2010**

Source of Extension	Total	Mixed	Animal	Plant	
Ministry of Agriculture	227	38	50	139	
Veterinary	410	57	90	263	
Media	36	7	7	22	
Whole Sillers of the Agricultural Materials	549	94	112	343	
Farmers	1,727	245	283	1,199	
Institutions and international bodies	18	-	7	11	
Others	712	77	184	451	
Not received extension	1,113	102	365	646	
Not Stated	15	1	3	11	
<b>Total</b>	<b>4,807</b>	<b>621</b>	<b>1,101</b>	<b>3,085</b>	

**Others** \*: Include agricultural engeneer,bulletin extension,internet...etc

\*:

جدول 12: عدد الحيازات الزراعية في محافظة شمال غزة حسب أسلوب إدارة الحيازة ونوع الحيازة، 2010/2009

**Table 12: Number of Agricultural Holdings in North Gaza Governorate by Method of Holding Management and Type of Holding, 2009/2010**

Type of Holding	Total	Method of Holding Management				نوع الحيازة
		Not Stated	أحد أفراد الأسرة Member of the Holder's Family	مدير بأجر Paid Manager	الحائز Holder Himself	
Plant	3,085	15	609	62	2,399	نباتية
Animal	1,101	-	195	13	893	حيوانية
Mixed	621	-	126	8	487	مختلطة
<b>Total</b>	<b>4,807</b>	<b>15</b>	<b>930</b>	<b>83</b>	<b>3,779</b>	<b>المجموع</b>



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**Table 13: Number of Agricultural Holdings in North Gaza Governorate by Type of Holding and Area Group of Holding, 2009/2010**

Area Group of Holding in Dunum	Total	Type of Holding			
		Mixed	Animal	Plant	
Up to 2.99	3,071	297	1,089	1,685	حتى 2.99
3 - 5.99	933	174	9	750	5.99 - 3
6 - 9.99	368	73	2	293	9.99 - 6
10 - 19.99	270	45	1	224	19.99 - 10
20 - 29.99	85	16	-	69	29.99 - 20
30 - 39.99	36	6	-	30	39.99 - 30
40 - 49.99	11	5	-	6	49.99 - 40
50 - 59.99	6	-	-	6	59.99 - 50
60 - 69.99	10	-	-	10	69.99 - 60
70 - 79.99	5	1	-	4	79.99 - 70
80 +	12	4	-	8	+ 80
<b>Total</b>	<b>4,807</b>	<b>621</b>	<b>1,101</b>	<b>3,085</b>	
<b>Average of Holding Size (Dunum)</b>	<b>4.3</b>	<b>5.9</b>	<b>0.3</b>	<b>5.4</b>	( )

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**Table 14: Number of Agricultural Holdings in North Gaza Governorate by Type of Holdings and Land Tenure, 2009/2010**

Land Tenure	Total	Type of Holding		
		Mixed	Animal	Plant
Owned or Owned Like Possesstion	<b>4,010</b>	494	904	2,612
Rented	<b>442</b>	56	57	329
Held Under Atriabal or Traditional Form	<b>2</b>	-	2	-
Govera-mented or Waqf	<b>189</b>	20	116	53
More Than One Type of Land Tenure	<b>123</b>	47	6	70
Not Stated	<b>41</b>	4	16	21
<b>Total</b>	<b>4,807</b>	<b>621</b>	<b>1,101</b>	<b>3,085</b>

جدول 15: عدد الحيازات الزراعية في محافظة شمال غزة حسب أسلوب إدارة الحيازة وحجم أسرة الحائز، 2010/2009  
**Table 15: Number of Agricultural Holdings in North Gaza Governorate by Holding Management Method and Size of Holder Household, 2009/2010**

Size of Holder Household	Total	Holding Management Method				
		Not Stated	Member of the Holders Family	Paid Manager	Holder Himself	
One Person	55	-	9	4	42	
2 - 3	657	1	134	12	510	3 - 2
4 - 5	784	3	139	11	631	5 - 4
6 - 9	2,199	9	423	39	1,728	9 - 6
10 +	1,111	2	225	16	868	+ 10
Not Applicable	1	-	-	1	-	
<b>Total</b>	<b>4,807</b>	<b>15</b>	<b>930</b>	<b>83</b>	<b>3,779</b>	

جدول 16: عدد الحيازات الزراعية في محافظة شمال غزة حسب نوع الخدمات الحكومية المقدمة ونوع الحيازة الزراعية، 2010/2009

**Table 16: Number of Agricultural Holdings in North Gaza Governorate by Type of Governmental Service and Type of Agricultural Holdings, 2009/2010**

Type of Holding	Total	Type of Governmental Service					نوع الحيازة
		غير مبيّن Not Stated	لا يتلقّى Don't Receive	كلاهما Both Agricultural and Veterinary	بيطرية Veterinary	زراعية Agricultural	
Plant	3,085	19	2822	-	-	244	
Animal	1,101	1	937	-	163	-	
Mixed	621	1	529	30	28	33	
<b>Total</b>	<b>4,807</b>	<b>21</b>	<b>4,288</b>	<b>30</b>	<b>191</b>	<b>277</b>	

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**Table 17: Number of Agricultural Holdings in North Gaza Governorate by Legal Status of Holder and Area Group of Holding , 2009/2010**

Area Group of Holding in Dunum	Total	Legal Status of Holder				
		Governmental	Household	Partnership	Individual	
Up to 2.99	3,071	-	173	70	2,828	حتى 2.99
3-5.99	933	-	50	37	846	3 - 5.99
6-9.99	368	-	24	20	324	6 - 9.99
10-19.99	270	-	16	21	233	10 - 19.99
20-29.99	85	1	12	12	60	20 - 29.99
30-39.99	36	-	4	4	28	30 - 39.99
40-49.99	11	-	2	1	8	40 - 49.99
50-59.99	6	-	-	-	6	50 - 59.99
60-69.99	10	-	1	2	7	60 - 69.99
70-79.99	5	-	-	1	4	70 - 79.99
80+	12	-	2	2	8	+ 80
<b>Total</b>	<b>4,807</b>	<b>1</b>	<b>284</b>	<b>170</b>	<b>4,352</b>	

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**Table 18: Number of Agricultural Holdings in North Gaza Governorate by Legal Status of Holder and Main Purpose of Production, 2009/2010**

Legal Status of Holder	Total	Main Purpose of Production الغرض الرئيسي للإنتاج			الكيان القانوني للحوار
		Not Stated	For Sale	For Household Consuming	
An Individual	4,352	727	2,686	939	فرد
Partnership	170	22	120	28	شراكة
Household	284	37	169	78	أسرة
Governmental	1	-	1	-	حكومية
<b>Total</b>	<b>4,807</b>	<b>786</b>	<b>2,976</b>	<b>1,045</b>	<b>المجموع</b>

جدول 19: عدد الحيازات الزراعية في محافظة شمال غزة حسب أسلوب إدارة الحيازة وفئات مساحة الحيازة، 2010/2009  
**Table 19: Number of Agricultural Holdings in North Gaza Governorate by Method of Holding Management and Area Group of Holding, 2009/2010**

Area Group of Holding in Dunum	Total	Method of Holding Management				
		Not Stated	Member of the Holders Family	Paid Manager	holder Himself	
Up to 2.99	3,071	8	592	42	2,429	حتى 2.99
3 - 5.99	933	2	185	17	729	3 - 5.99
6 - 9.99	368	4	70	10	284	6 - 9.99
10 - 19.99	270	1	49	5	215	10 - 19.99
20 - 29.99	85	-	22	3	60	20 - 29.99
30 - 39.99	36	-	5	2	29	30 - 39.99
40 - 49.99	11	-	1	1	9	40 - 49.99
50 - 59.99	6	-	1	1	4	50 - 59.99
60 - 69.99	10	-	3	2	5	60 - 69.99
70 - 79.99	5	-	1	-	4	70 - 79.99
80 +	12	-	1	-	11	+ 80
<b>Total</b>	<b>4,807</b>	<b>15</b>	<b>930</b>	<b>83</b>	<b>3,779</b>	<b>المجموع</b>

جدول 20: عدد الحيازات الزراعية في محافظة شمال غزة حسب أسلوب ادارة الحيازة وجنس الحائز، 2010/2009

**Table 20: Number of Agricultural Holdings in North Gaza Governorate by Holding Management Method and Sex of Holder, 2009/2010**

Sex of Holder	Total	Holding Management Method			
		Not Stated	Member of the Holders Family	Paid Manager	Holder Himself
Male	4,332	11	763	64	3,494
Female	309	2	120	14	173
Co-holders are Males	148	2	38	4	104
Co-holders are Female	2	-	2	-	-
Co-holders are Males and Females	15	-	7	-	8
Not Applicable	1	-	-	1	-
<b>Total</b>	<b>4,807</b>	<b>15</b>	<b>930</b>	<b>83</b>	<b>3,779</b>



جدول 21: عدد الحيازات الزراعية في محافظة شمال غزة حسب نوع الحيازة وجنس الحائز، 2010/2009

**Table 21: Number of Agricultural Holdings in North Gaza Governorate by Type of Holding and Sex of Holder, 2009/2010**

Sex of Holder	Total	Type of Holding			جنس الحائز
		Mixed	Animal	Plant	
Male	4,332	555	997	2,780	
Female	309	26	79	204	
Co-holders are Males	148	36	24	88	
Co-holders are Females	2	-	-	2	
Co-holders are Both Males and Females	15	3	1	11	
Not Applicable	1	1	-	-	
<b>Total</b>	<b>4,807</b>	<b>621</b>	<b>1,101</b>	<b>3,085</b>	

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**Table 22: Number of Agricultural Holdings in North Gaza Governorate by Age Group of Holder and Area Group of Holding, 2009/2010**

Area Group of Holding in Dunum	Total	Age Groupe of Holder							
		Not Applica	Not Stated	+ 60	59 - 50	49 - 40	39 - 30	29 - 15	
Up to 2.99	3,071	-	1	593	683	937	603	254	حتى 2.99
3 - 5.99	933	-	1	278	220	220	159	55	5.99 - 3
6 - 9.99	368	-	-	126	92	84	50	16	9.99 - 6
10 - 19.99	270	-	1	81	58	77	41	12	19.99 - 10
20 - 29.99	85	1	1	26	20	19	14	4	29.99 - 20
30 - 39.99	36	-	-	14	9	6	4	3	39.99 - 30
40 - 49.99	11	-	-	4	3	1	3	-	49.99 - 40
50 - 59.99	6	-	-	2	2	1	1	-	59.99 - 50
60 - 69.99	10	-	-	1	3	3	3	-	69.99 - 60
70 - 79.99	5	-	-	-	2	2	1	-	79.99 - 70
80 +	12	-	-	3	3	5	1	-	+ 80
<b>Total</b>	<b>4,807</b>	<b>1</b>	<b>4</b>	<b>1,128</b>	<b>1,095</b>	<b>1,355</b>	<b>880</b>	<b>344</b>	<b>المجموع</b>

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**Table 23: Number of Agricultural Holdings in North Gaza Governorate by Sex of Holder and Area Group of Holding, 2009/2010**

Area Group of Holding in Dunum	Total	Sex of Holder					Female	Male	
		Not Applicable	Co-holders are Males & Females	Co-holders are Females	Co-holders are Males				
Up to 2.99	3,071	-	6	2	60	239	2,764	حتى 2.99	
3 - 5.99	933	-	4	-	35	43	851	3 - 5.99	
6 - 9.99	368	-	2	-	18	15	333	6 - 9.99	
10 - 19.99	270	-	2	-	17	9	242	10 - 19.99	
20 - 29.99	85	1	1	-	8	1	74	20 - 29.99	
30 - 39.99	36	-	-	-	4	-	32	30 - 39.99	
40 - 49.99	11	-	-	-	1	-	10	40 - 49.99	
50 - 59.99	6	-	-	-	-	-	6	50 - 59.99	
60 - 69.99	10	-	-	-	2	2	6	60 - 69.99	
70 - 79.99	5	-	-	-	1	-	4	70 - 79.99	
80 +	12	-	-	-	2	-	10	+ 80	
<b>Total</b>	<b>4,807</b>	<b>1</b>	<b>15</b>	<b>2</b>	<b>148</b>	<b>309</b>	<b>4,332</b>		

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**Table 24: Number of Agricultural Holdings in North Gaza Governorate by Size of Holder Household and Area Group of Holding, 2009/2010**

Area Group of Holding in Dunum	Total	Size of Holder Household						
		Not Stated	+ 10	9 - 6	5 - 4	3 - 2	One Person	
Up to 2.99	<b>3,071</b>	-	732	1,447	476	380	36	حتى 2.99
3 - 5.99	<b>933</b>	-	194	417	164	149	9	5.99 - 3
6 - 9.99	<b>368</b>	-	101	146	65	50	6	9.99 - 6
10 - 19.99	<b>270</b>	-	43	121	49	54	3	19.99 - 10
20 - 29.99	<b>85</b>	1	20	40	13	11	-	29.99 - 20
30 - 39.99	<b>36</b>	-	11	11	9	5	-	39.99 - 30
40 - 49.99	<b>11</b>	-	5	4	1	-	1	49.99 - 40
50 - 59.99	<b>6</b>	-	1	2	1	2	-	59.99 - 50
60 - 69.99	<b>10</b>	-	1	5	2	2	-	69.99 - 60
70 - 79.99	<b>5</b>	-	-	2	2	1	-	79.99 - 70
80 +	<b>12</b>	-	3	4	2	3	-	+ 80
<b>Total</b>	<b>4,807</b>	<b>1</b>	<b>1,111</b>	<b>2,199</b>	<b>784</b>	<b>657</b>	<b>55</b>	

جدول 25: عدد الحيازات الزراعية التي تستخدم التطبيقات الزراعية في محافظة شمال غزة حسب نوع الحيازة ونوع التطبيق الزراعي،  
2010/2009

**Table 25: Number of Agricultural Holdings which Use Agricultural Practices in North Gaza Governorate by Type of Agricultural Holding and Type of Agricultural Practice, 2009/2010**

Type of Agricultural Practices	Total	Type of Holding		
		Mixed	Animal	Plant
Treated and Improved Assets	1,229	275	-	954
Organic Fertilizers	2,609	507	-	2,102
Chemical Fertilizers	2,485	478	-	2,007
Pesticides	2,569	506	-	2,063
Biological Control	1,366	277	-	1,089
Vaccination Against Epidemical Diseases	1,536	502	1,034	-

جدول 26: عدد الحيازات الزراعية التي تستخدم التطبيقات الزراعية في محافظة شمال غزة حسب الكيان القانوني للحائز ونوع التطبيق الزراعي، 2010/2009

**Table 26: Number of Agricultural Holdings which Use Agricultural Practices in North Gaza Governorate by Legal Status of Holder and Type of Agricultural Practice, 2009/2010**

Type of Agricultural Practice	Total	Legal Status of Holder			
		Governmental	Household	Partnership	Individual
Treated and Improved Assets	1,229	-	75	62	1,092
Organic Fertilizers	2,609	1	151	103	2,354
Chemical Fertilizers	2,485	1	151	101	2,232
Pesticides	2,569	1	150	104	2,314
Biological Control	1,366	-	74	64	1,228
Vaccination Against Epidemical Diseases	1,536	1	96	57	1,382

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**Table 27: Number of Agricultural Holdings which Use Agricultural Practices in North Gaza Governorate by Area Group of Holding and Type of Agricultural Practice, 2009/2010**

Type of Agricultural Practice	Total	Area Group of Holding										
		+80	79.99 - 70	69.99 - 60	59.99 - 50	49.99 - 40	39.99 - 30	29.99 - 20	19.99 - 10	9.99 - 6	5.99 - 3	حتى 2.99 Up to 2.99
Treated and Improved Assets	<b>1,229</b>	6	4	7	3	7	14	52	122	153	365	496
Organic Fertilizers	<b>2,609</b>	7	5	8	5	11	24	72	203	267	701	1,306
Chemical Fertilizers	<b>2,485</b>	7	5	8	5	10	25	74	194	258	672	1,227
Pesticides	<b>2,569</b>	7	5	8	5	11	25	73	195	264	697	1,279
Biological Control	<b>1,366</b>	5	4	6	3	7	17	49	137	155	421	562
Vaccination Against Epidemical Diseases	<b>1,536</b>	4	1	-	-	5	3	12	38	59	142	1,272

جدول 28: عدد الحيازات الزراعية التي تستخدم التطبيقات الزراعية في محافظة شمال غزة حسب الغرض الرئيسي للإنتاج ونوع التطبيق الزراعي، 2010/2009

**Table 28: Number of Agricultural Holdings which Use Agricultural Practices in North Gaza Governorate by Main Purpose of production and Type of Agricultural Practice, 2009/2010**

Type of Agricultural Practice	Total	Main Purpose of Production		
		Not Stated	For Sale	For Home Consumption
Treated and Improved Assets	1,229	18	980	231
Organic Fertilizers	2,609	45	1,938	626
Chemical Fertilizers	2,485	44	1,857	584
Pesticides	2,569	43	1,904	622
Biological Control	1,366	19	1,102	245
Vaccination Against Epidemical Diseases	1,536	8	1,202	326



جدول 29: عدد الحيازات الزراعية التي تستخدم التطبيقات الزراعية في محافظة شمال غزة حسب التخصص وجنس الحائز ونوع التطبيق الزراعي،  
2010/2009

**Table 29: Number of Agricultural Holdings which Use Agricultural Practices in North Gaza Governorate by Specialization, Sex of Holder and Type of Agricultural Practice, 2009/2010**

Specialization and Sex of Holder	Type of Agricultural Practice						
	Vaccination Against Epidemical Diseases	Biological Control	Pesticides	Chemical Fertilizers	Organic Fertilizers	Treated and Improved Assets	
<b>Agriculture</b>	<b>30</b>	<b>47</b>	<b>88</b>	<b>83</b>	<b>87</b>	<b>36</b>	
Male	27	44	82	77	80	33	
Female	-	-	1	1	1	1	
Co-holders are Male	3	3	5	5	6	2	
Co-holders are Male & Female	-	-	-	-	-	-	
Co-holders are Male & Female	-	-	-	-	-	-	
<b>Not Agriculture</b>	<b>428</b>	<b>483</b>	<b>1,043</b>	<b>986</b>	<b>1,054</b>	<b>404</b>	
Male	398	443	969	915	981	369	
Female	6	7	19	19	21	8	
Co-holders are Male	24	31	50	48	49	26	
Co-holders are Female	-	-	-	-	-	-	
Co-holders are Male & Female	-	2	5	4	3	1	
Not Stated	-	-	-	-	-	-	
<b>Not Stated</b>	<b>6</b>	<b>9</b>	<b>11</b>	<b>12</b>	<b>12</b>	<b>6</b>	
Male	5	6	8	9	9	5	
Female	-	2	2	2	2	1	
Co-holders are Male	1	1	1	1	1	-	
Co-holders are Male & Female	-	-	-	-	-	-	شراكة ذكور واناث
<b>Not Applicable</b>	<b>1,072</b>	<b>827</b>	<b>1,427</b>	<b>1,404</b>	<b>1,456</b>	<b>783</b>	
Male	954	745	1,272	1,251	1,298	696	
Female	88	62	113	111	116	58	
Co-holders are Male	26	19	36	36	36	28	
Co-holders are Female	-	-	2	2	2	-	
Co-holders are Male & Female	3	1	3	3	3	1	
Not Stated	-	-	-	-	-	-	
Not Applicable	1	-	1	1	1	-	لا ينطبق
<b>Total</b>	<b>1,536</b>	<b>1,366</b>	<b>2,569</b>	<b>2,485</b>	<b>2,609</b>	<b>1,229</b>	<b>المجموع</b>

جدول 30: عدد الحيازات الزراعية التي تستخدم التطبيقات الزراعية في محافظة شمال غزة حسب المؤهل العلمي وجنس الحائز ونوع التطبيق الزراعي، 2010/2009

**Table 30: Number of Agricultural Holdings which Use Agricultural Practices in North Gaza Governorate by Educational Attainment, Sex of Holder and Type of Agricultural Practice, 2009/2010**

Educational Attainment and Sex	نوع التطبيق الزراعي						المؤهل العلمي وجنس الحائز
	Vaccination Against Epidemical Diseases	Biological Control	Pesticides	Chemical Fertilizers	Organic Fertilizers	Treated and Improved Assets	
<b>Illiterate</b>	<b>206</b>	<b>160</b>	<b>267</b>	<b>271</b>	<b>281</b>	<b>160</b>	أمي
Male	153	136	215	220	228	132	ذكر
Female	48	20	46	45	47	23	أنثى
Co-holders are Male	5	4	5	5	5	5	شراكة ذكور
Co-holders are Male & Female	-	-	1	1	1	-	شراكة ذكور وإناث
<b>Can Read and Write</b>	<b>176</b>	<b>157</b>	<b>259</b>	<b>254</b>	<b>261</b>	<b>145</b>	ملم
Male	160	140	231	226	233	126	ذكر
Female	11	13	19	19	19	11	أنثى
Co-holders are Male	5	4	9	9	9	8	شراكة ذكور
<b>Elementary</b>	<b>358</b>	<b>261</b>	<b>469</b>	<b>454</b>	<b>469</b>	<b>246</b>	ابتدائي
Male	331	239	426	411	424	222	ذكر
Female	17	16	29	28	29	14	أنثى
Co-holders are Male	9	5	12	13	14	10	شراكة ذكور
Co-holders are Male & Female	1	1	2	2	2	-	شراكة ذكور وإناث
<b>Preparatory</b>	<b>331</b>	<b>249</b>	<b>431</b>	<b>424</b>	<b>444</b>	<b>232</b>	إعدادي
Male	310	230	400	394	413	216	ذكر
Female	12	13	19	19	21	10	أنثى
Co-holders are Male	7	6	10	9	8	5	شراكة ذكور
Co-holders are Female	-	-	1	1	1	-	شراكة إناث
Co-holders are Male & Female	2	-	1	1	1	1	شراكة ذكور وإناث
<b>Secondary</b>	<b>260</b>	<b>244</b>	<b>499</b>	<b>476</b>	<b>503</b>	<b>213</b>	ثانوي
Male	239	215	453	431	456	189	ذكر
Female	5	7	16	16	17	7	أنثى
Co-holders are Male	16	21	28	27	28	16	شراكة ذكور
Co-holders are Male & Female	-	1	2	2	2	1	شراكة ذكور وإناث
<b>Associate Diploma</b>	<b>46</b>	<b>42</b>	<b>95</b>	<b>86</b>	<b>94</b>	<b>35</b>	دبلوم متوسط
Male	44	42	92	84	92	35	ذكر
Female	-	-	1	1	1	-	أنثى
Co-holders are Male	2	-	1	1	1	-	شراكة ذكور
Co-holders are Male & Female	-	-	1	-	-	-	شراكة ذكور وإناث
<b>Bachelor and Above</b>	<b>158</b>	<b>253</b>	<b>548</b>	<b>519</b>	<b>556</b>	<b>198</b>	بكالوريوس فأعلى
Male	147	236	514	486	522	183	ذكر
Female	1	2	5	5	6	3	أنثى
Co-holders are Male	10	14	27	26	27	12	شراكة ذكور
Co-holders are Male & Female	-	1	2	2	1	-	شراكة ذكور وإناث
<b>Not Applicable</b>	<b>1</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>-</b>	
<b>Total</b>	<b>1,536</b>	<b>1,366</b>	<b>2,569</b>	<b>2,485</b>	<b>2,609</b>	<b>1,229</b>	المجموع

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**Table 31: Number of Agricultural Holdings which have Field Crops in North Gaza Governorate by Agricultural Session and Type of Crop, 2009/2010**

Type of Crop	Agricultural Session		نوع المحصول
	صيفي Summer	العروة الزراعية شتوي Winter	
Wheat	-	173	
Sorghum	29	12	
Barley	1	85	
Broom Corn	-	1	
Dry Garlic	1	8	
Dry Onion	27	53	
Onion Tuber	2	3	
Sun Flower	1	-	
Dill	-	1	
Meramieh	-	1	
Ment	11	2	
Thyme	-	1	
Broad Bean	-	8	( )
Peas	-	2	( )
Ramplng Vetch	-	1	
Sugarcane	1	11	
Clover	-	3	
Tobacco	-	1	

جدول 32: عدد الحيازات الزراعية التي فيها محاصيل حقلية في محافظة شمال غزة حسب وضع المحصول ونوع المحصول، 2010/2009  
**Table 32: Number of Agricultural Holdings which have Field Crops in North Gaza Governorate by Status of Crop and Type of Crop, 2009/2010**

Type of Crop	Status of Crop			نوع المحصول
	مختلط Mixed	مقترن Associated	منفرد Single	
Wheat	3	13	157	
Sorghum	4	1	35	
Barley	3	9	74	
Broom Corn	-	-	1	
Dry Garlic	2	4	3	
Dry Onion	7	5	64	
Onion Tuber	2	-	3	
Sun Flower	-	-	1	
Dill	-	-	1	
Meramieh	1	-	-	
Ment	-	2	12	
Thyme	1	-	-	
Broad Bean	-	4	4	( )
Peas	-	-	2	( )
Rampling Vetch	-	-	1	
Sugarcane	-	3	9	
Clover	-	-	3	
Tobacco	-	-	1	

جدول 33: عدد الحيازات الزراعية التي فيها محاصيل حقلية في محافظة شمال غزة حسب نمط الري ونوع المحصول، 2010/2009

**Table 33: Number of Agricultural Holdings which have Field Crops in North Gaza Governorate by Type of Irrigation and Type of Crop, 2009/2010**

Type of Crop	Type of Irrigation		نوع المحصول
	مروي Irrigated	بعلي Rainfed	
Wheat	12	162	
Sorghum	40	-	
Barley	9	77	
Broom Corn	1	-	
Dry Garlic	9	-	
Dry Onion	73	3	
Onion Tuber	5	-	
Sun Flower	1	-	
Dill	1	-	
Meramieh	1	-	
Ment	12	1	
Thyme	1	-	
Broad Bean	8	1	( )
Peas	2	-	( )
Rampling Vetch	-	1	
Sugarcane	10	2	
Clover	3	-	
Tobacco	-	1	

جدول 34: عدد الحيازات الزراعية التي فيها محاصيل حقلية مروية في محافظة شمال غزة حسب طريقة الري ونوع المحصول،  
2010/2009

**Table 34: Number of Agricultural Holdings which have Irrigated Field Crops in North Gaza Governorate by Method of Irrigation and Type of Crop, 2009/2010**

Type of Crop	Method of Irrigation			نوع المحصول
	رشاشات Sprinkler	تنقيط Drip	سطحي Surface	
Wheat	8	1	3	
Sorghum	6	34	-	
Barley	8	1	-	
Broom Corn	1	-	-	
Dry Garlic	-	9	-	
Dry Onion	30	41	2	
Onion Tuber	-	5	-	
Sun Flower	-	-	1	
Dill	-	1	-	
Meramieh	-	1	-	
Ment	8	3	1	
Thyme	-	1	-	
Broad Bean	2	3	3	( )
Peas	-	2	-	( )
Sugarcane	-	2	8	
Clover	3	-	-	

جدول 35: عدد الحيازات الزراعية التي فيها محاصيل حقلية في محافظة شمال غزة حسب العروة الزراعية والمساحة المحصودة،  
2010/2009

**Table 35: Number of Agricultural Holdings which have Field Crops in North Gaza Governorate by Agricultural Session and Harvested Area, 2009/2010**

Harvested Area in Dunum	العروة الزراعية Agricultural Session		المساحة المحصودة بالدونم
	صيفي Summer	شتوي Winter	
Up to 2.99	38	168	حتى 2.99
3 - 5.99	19	94	5.99 - 3
6 - 9.99	8	24	9.99 - 6
10 - 19.99	3	41	19.99 - 10
20 - 29.99	4	7	29.99 - 20
30 - 39.99	1	4	39.99 - 30
40 - 49.99	-	1	49.99 - 40
50 - 59.99	-	1	59.99 - 50
60 - 69.99	-	1	69.99 - 60
70 - 79.99	-	1	79.99 - 70
80 +	-	1	+ 80

جدول 36: عدد الحيازات الزراعية التي فيها محاصيل حقلية في محافظة شمال غزة حسب العروة الزراعية ووضع المحصول  
2010/2009

**Table 36: Number of Agricultural Holdings which have Field Crops in North Gaza Governorate by Agriculture Session and Status of Crop, 2009/2010**

Status of Crop	Agriculture Session		وضع المحصول
	صيفي Summer	شئوي Winter	
Single	62	297	منفرد
Associated	6	33	مقترن
Mixed	7	13	مختلط



جدول 37: مساحة المحاصيل الحقلية في محافظة شمال غزة حسب العروة الزراعية ونمط الري ونوع المحصول والمساحة المحصودة، 2010/2009

**Table 37: Area of Field Crops in North Gaza Governorate by Agricultural Session, Type of Irrigation, Type of Crop and Harvested Area, 2009/2010**

Area in Dunums

Type of Crop	Harvested Area	المجموع Total	Agricultural Session and Type of Irrigation				
			صيفي Summer		Winter		
			مروي Irrigated	بعلبي Rainfed	مروي Irrigated	بعلبي Rainfed	
Wheat	994.84	1,066.36	-	-	158.40	907.96	
Sorghum	154.60	160.48	112.82	-	47.66	-	
Barley	363.65	372.50	-	10.00	25.14	337.36	
Broom Corn	5.00	5.00	-	-	5.00	-	
Dry Garlic	9.80	9.85	2.50	-	7.35	-	
Dry Onion	597.80	632.01	166.86	-	436.15	29.00	
Onion Tuber	54.50	54.50	38.00	-	16.50	-	
Sun Flower	0.35	0.35	0.35	-	-	-	
Dill	0.50	0.50	-	-	0.50	-	
Meramieh	0.25	0.25	-	-	0.25	-	
Ment	12.18	12.18	8.18	1.00	3.00	-	
Thyme	0.25	0.25	-	-	0.25	-	
Broad Bean	8.20	8.20	-	-	7.70	0.50	( )
Peas	11.98	17.98	-	-	17.98	-	( )
Rambling Vetch	10.10	10.10	-	-	-	10.10	
Sugarcane	15.76	19.36	0.50	-	16.56	2.30	
Clover	6.40	6.40	-	-	6.40	-	
Tobacco	3.50	3.50	-	-	-	3.50	
<b>Total</b>	<b>2,249.66</b>	<b>2,379.77</b>	<b>329.21</b>	<b>11.00</b>	<b>748.84</b>	<b>1,290.72</b>	

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**Table 38: Area of Field Crops in North Gaza Governorate by Agriculture Session and Status of Crop, 2009/2010**

Area in Dunums

المساحة بالدونم

Status of Crop	Agriculture Session		العروة الزراعية	وضع المحصول
	Total	صيفي Summer	شتوي Winter	
Single	2,144.66	279.38	1,865.28	منفرد
Associated	114.25	15.60	98.65	مقترن
Mixed	120.86	45.23	75.63	مختلط
<b>Total</b>	<b>2,379.77</b>	<b>340.21</b>	<b>2,039.56</b>	<b>المجموع</b>

جدول 39: مساحة المحاصيل الحقلية في محافظة شمال غزة حسب العروة الزراعية وطريقة الري، 2010/2009

**Table 39: Area of Field Crops in North Gaza Governorate by Agriculture Session and Type of Irrigation, 2009/2010**

Area in Dunums

المساحة بالدونم

Type of Irrigation	Agriculture Session			طريقة الري
	المجموع Total	صيفي Summer	شتوي Winter	
Rainfed	1,301.72	11.00	1,290.72	بعلي
Artificial	133.97	2.01	131.96	سطحي
Drip	536.63	238.08	298.55	تنقيط
Sprinklers	407.45	89.12	318.33	رشاشات
<b>Total</b>	<b>2,379.77</b>	<b>340.21</b>	<b>2,039.56</b>	<b>المجموع</b>

جدول 40: مساحة المحاصيل الحقلية في محافظة شمال غزة حسب وضع المحصول وطريقة الري، 2010/2009

Table 40: Area of Field Crops in North Gaza Governorate by Status of Crop and Method of Irrigation, 2009/2010

Area in Dunums

المساحة بالدونم

Method of Irrigation	Status of Crop				طريقة الري
	المجموع Total	مختلط Mixed	مقترن Associated	منفرد Single	
Rainfed	1,301.72	16.93	63.40	1,221.39	بعلي
Artificial	133.97	-	8.20	125.77	سطحي
Drip	536.63	38.23	35.35	463.05	تنقيط
Sprinklers	407.45	65.70	7.30	334.45	رشاشات
<b>Total</b>	<b>2,379.77</b>	<b>120.86</b>	<b>114.25</b>	<b>2,144.66</b>	<b>المجموع</b>

جدول 41: عدد الحيازات الزراعية التي فيها خضراوات في محافظة شمال غزة حسب العروة الزراعية ونوع المحصول، 2010/2009  
**Table 41: Number of Agricultural Holdings which have Vegetables in North Gaza Governorate by Agricultural Session and Type of Crop, 2009/2010**

Type of Crop	Agricultural Session				نوع المحصول
	خريفي Autumn	صيفي Summer	ربيعي Spring	شتوي Winter	
Maize	-	17	15	2	
White Cabbage	13	10	5	61	
Red Cabbage	-	-	-	3	
Cauliflower	3	1	-	9	
Lettuce	1	1	1	1	
Spinach	2	3	1	10	
Jew's Mallow	3	38	16	22	
Parsley	-	-	1	2	
Chard	1	-	-	6	
Sorrel	1	-	1	2	
Arugula	1	1	-	4	
Cucumber	7	41	16	24	
Snake cucumber	-	6	4	-	
Eggplant	7	83	13	10	
Tomato	10	56	7	60	
Water Melon	-	49	15	4	
Muskmelon	2	18	5	3	
Squash	8	10	14	16	
Gourd	-	3	1	-	
Pumpkin	-	-	1	-	
Okra	1	22	6	-	
Carrot	9	9	7	69	
Turnip	-	-	-	2	
Garlic (green)	2	-	-	2	
Onion (green)	3	4	2	9	
Radish	5	7	2	12	
Strawberry	56	10	1	148	
Potato	9	30	54	168	
Paprika	-	3	1	1	
Hot Pepper	1	43	9	6	
Kidney Bean (green)	5	21	9	12	
Broad Bean (green)	1	2	-	13	
Cowpea	-	5	3	1	( )
Peas (green)	7	4	6	49	( )
Cut Flower	-	-	-	1	

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**Table 42: Number of Agricultural Holdings which have Vegetables in North Gaza Governorate by Status of Crop and Type of Crop, 2009/2010**

Type of Crop	Status of Crop		وضع المحصول	نوع المحصول
	مختلط Mixed	مقترن Associated	منفرد Single	
Maize	4	1	28	
White Cabbage	8	12	64	
Red Cabbage	1	-	2	
Cauliflower	-	5	8	
Lettuce	-	1	3	
Spinach	3	4	9	
Jew's Mallow	4	5	63	
Parsley	-	1	2	
Chard	1	4	2	
Sorrel	-	2	2	
Arugula	1	1	4	
Cucumber	11	1	67	
Snake cucumber	2	-	8	
Eggplant	14	12	83	
Tomato	5	6	115	
Water Melon	9	1	57	
Muskmelon	3	-	25	
Squash	3	1	44	
Gourd	2	1	1	
Pumpkin	-	-	1	
Okra	3	3	23	
Carrot	7	2	82	
Turnip	-	-	2	
Garlic (green)	1	2	1	
Onion (green)	5	5	8	
Radish	7	5	14	
Strawberry	17	1	197	
Potato	9	5	203	
Paprika	1	-	4	
Hot Pepper	12	15	31	
Kidney Bean (green)	4	1	36	
Broad Bean (green)	4	3	9	
Cowpea	1	-	8	( )
Peas (green)	7	3	56	( )
Cut Flower	-	-	1	

جدول 43: عدد الحيازات الزراعية التي فيها خضراوات في محافظة شمال غزة حسب نمط الري ونوع المحصول، 2010/2009

**Table 43: Number of Agricultural Holdings which have Vegetables in North Gaza Governorate by Type of Irrigation and Type of Crop, 2009/2010**

Type of Crop	Type of Irrigation		نوع المحصول
	مروي Irrigated	بعلي Rainfed	
Maize	32	-	
White Cabbage	83	1	
Red Cabbage	3	-	
Cauliflower	13	-	
Lettuce	4	-	
Spinach	16	-	
Jew's Mallow	72	-	
Parsley	3	-	
Chard	7	-	
Sorrel	4	-	
Arugula	6	-	
Cucumber	78	-	
Snake cucumber	7	3	
Eggplant	109	-	
Tomato	125	1	
Water Melon	67	-	
Muskmelon	27	-	
Squash	48	-	
Gourd	4	-	
Pumpkin	1	-	
Okra	22	7	
Carrot	89	1	
Turnip	2	-	
Garlic (green)	3	1	
Onion (green)	18	-	
Radish	26	-	
Strawberry	215	-	
Potato	208	6	
Paprika	5	-	
Hot Pepper	58	-	
Kidney Bean (green)	41	-	
Broad Bean (green)	15	1	
Cowpea	9	-	( )
Peas (green)	63	3	( )
Cut Flower	1	-	

جدول 44: عدد الحيازات الزراعية التي فيها خضراوات مروية في محافظة شمال غزة حسب طريقة الري ونوع المحصول، 2010/2009

Table 44: Number of Agricultural Holdings which have Irrigated Vegetables in North Gaza Governorate by Method of Irrigation and Type of Crop, 2009/2010

Type of Crop	Method of Irrigation			نوع المحصول
	رشاشات Sprinkler	تنقيط Drip	طريقة الري سطحي Surface	
Maize	-	29	3	
White Cabbage	3	77	4	
Red Cabbage	-	3	-	
Cauliflower	-	12	1	
Lettuce	-	4	-	
Spinach	1	11	4	
Jew's Mallow	11	58	4	
Parsley	-	1	2	
Chard	1	3	3	
Sorrel	-	3	1	
Arugula	2	3	1	
Cucumber	2	74	2	
Snake cucumber	-	7	-	
Eggplant	5	93	11	
Tomato	1	121	3	
Water Melon	2	63	2	
Muskmelon	-	26	1	
Squash	2	45	1	
Gourd	-	2	2	
Pumpkin	-	-	1	
Okra	-	20	2	
Carrot	40	47	2	
Turnip	-	2	-	
Garlic (green)	-	2	1	
Onion (green)	1	14	3	
Radish	4	19	3	
Strawberry	6	209	-	
Potato	7	190	12	
Paprika	-	5	-	
Hot Pepper	1	51	6	
Kidney Bean (green)	5	34	2	
Broad Bean (green)	-	9	6	
Cowpea	-	7	2	( )
Peas (green)	15	45	3	( )
Cut Flower	-	1	-	أزهار قطف



جدول 45: عدد الحيازات الزراعية التي فيها خضراوات في محافظة شمال غزة حسب العروة الزراعية والمساحة المحصودة،  
2010/2009

**Table 45: Number of Agricultural Holdings which have Vegetables in North Gaza Governorate by Agricultural Session and Harvested Area, 2009/2010**

Harvested Area in Dunum	Agricultural Session				المساحة المحصودة بالدونم
	خريفي Autumn	صيفي Summer	ربيعي Spring	شتوي Winter	
Up to 2.99	75	186	84	216	حتى 2.99
3 - 5.99	37	92	36	151	3 - 5.99
6 - 9.99	9	45	25	58	6 - 9.99
10 - 19.99	7	23	14	55	10 - 19.99
20 - 29.99	2	3	2	10	20 - 29.99
30 - 39.99	1	4	1	8	30 - 39.99
40 - 49.99	-	1	-	2	40 - 49.99
50 - 59.99	-	-	1	1	50 - 59.99
60 - 69.99	-	-	-	3	60 - 69.99
70 - 79.99	-	1	-	1	70 - 79.99
80 +	-	-	1	3	+ 80

جدول 46: عدد الحيازات الزراعية التي فيها خضراوات في محافظة شمال غزة حسب نمط الري ونوع الحماية والعمرة الزراعية،  
2010/2009

**Table 46: Area of Vegetables in North Gaza Governorate by Type of Irrigation, Type of Protection and Agricultural Session 2009/2010**

Agricultural Session	Type of Irrigation and Protection			نمط الري وتوع الحماية		العمرة الزراعية
	Type of protection			مكشوف مروي Open Irrigated	مكشوف بعلي Open Rainfed	
	بيوت بلاستيكية Plastic House	أنفاق فرنسية French Tunnel	أنفاق أرضية Surface Tunnel			
Winter	175	14	91	390	11	شتوي
Spring	50	2	31	154	7	ربيعي
Summer	90	2	58	321	13	صيفي
Autumn	68	1	21	101	1	خريفي

جدول 47: مساحة الخضراوات في محافظة شمال غزة حسب العروة الزراعية ونوع المحصول، 2010/2009

**Table 47: Area of Vegetables in North Gaza Governorate by Agricultural Session and Type of Crop, 2009/2010**

Area in Dunum

المساحة بالدونم

Type of Crop	Agricultural Session					نوع المحصول
	المجموع Total	خريفي Autumn	صيفي Summer	ربيعي Spring	شتوي Winter	
Maize	167.63	-	78.47	80.16	9.00	
White Cabbage	177.13	33.50	18.96	11.58	113.09	
Red Cabbage	4.75	-	-	-	4.75	
Cauliflower	22.15	3.60	0.20	-	18.35	
Lettuce	3.10	1.50	0.50	0.50	0.60	
Spinach	17.28	1.23	4.80	0.50	10.75	
Jew's Mallow	197.57	4.95	91.59	43.41	57.62	
Parsley	0.70	-	-	0.50	0.20	
Chard	1.91	0.25	-	-	1.66	
Sorrel	3.05	0.25	-	1.50	1.30	
Arugula	3.16	0.50	2.00	-	0.66	
Cucumber	275.48	18.40	149.21	48.62	59.25	
Snake cucumber	32.43	-	17.93	14.50	-	
Eggplant	272.97	16.00	208.61	26.53	21.83	
Tomato	358.54	52.50	189.38	11.90	104.76	
Water Melon	529.33	-	379.90	109.23	40.20	
Muskmelon	87.90	3.50	48.30	17.10	19.00	
Squash	152.34	15.50	43.35	29.85	63.64	
Gourd	2.10	-	1.85	0.25	-	
Pumpkin	0.25	-	-	0.25	-	
Okra	71.91	0.50	56.21	15.20	-	
Carrot	558.63	44.03	62.34	34.00	418.26	
Turnip	5.00	-	-	-	5.00	
Garlic (green)	4.51	2.21	-	-	2.30	
Onion (green)	91.93	24.25	26.98	12.00	28.70	
Radish	26.54	6.36	7.20	1.48	11.50	
Strawberry	1,036.99	214.85	35.95	8.00	778.19	
Potato	2,087.45	51.50	181.47	413.57	1,440.91	
Paprika	20.20	-	5.00	0.20	15.00	
Hot Pepper	88.49	2.98	63.14	17.17	5.20	
Kidney Bean (green)	116.54	14.50	51.46	18.50	32.08	
Broad Bean (green)	21.87	1.00	6.97	-	13.90	
Cowpea	11.50	-	5.50	4.50	1.50	( )
Peas (green)	196.92	17.00	8.90	9.50	161.52	( )
Cut Flower	4.00	-	-	-	4.00	
<b>Total</b>	<b>6,652.25</b>	<b>530.86</b>	<b>1,746.17</b>	<b>930.50</b>	<b>3,444.72</b>	

جدول 48: مساحة الخضراوات في محافظة شمال غزة حسب وضع المحصول ونوع المحصول، 2010/2009

**Table 48: Area of Vegetables in North Gaza Governorate by Status of Crops and Type of Crop, 2009/2010**

Area in Dunum

المساحة بالدونم

Type of Crop	Status of Crop			وضع المحصول	نوع المحصول
	المجموع Total	مختلط Mixed	مقترن Associated	منفرد Single	
Maize	167.63	10.17	1.50	155.96	
White Cabbage	177.13	13.64	11.56	151.93	
Red Cabbage	4.75	1.25	-	3.50	
Cauliflower	22.15	-	2.40	19.75	
Lettuce	3.10	-	0.60	2.50	
Spinach	17.28	6.20	0.84	10.24	
Jew's Mallow	197.57	17.15	1.30	179.12	
Parsley	0.70	-	0.10	0.60	
Chard	1.91	0.40	1.39	0.12	
Sorrel	3.05	-	0.55	2.50	
Arugula	3.16	0.30	0.20	2.66	
Cucumber	275.48	30.40	0.30	244.78	
Snake cucumber	32.43	0.93	-	31.50	
Eggplant	272.97	21.03	7.99	243.95	
Tomato	358.54	3.73	4.31	350.50	
Water Melon	529.33	55.33	1.00	473.00	
Muskmelon	87.90	21.00	-	66.90	
Squash	152.34	16.25	1.00	135.09	
Gourd	2.10	1.83	0.02	0.25	
Pumpkin	0.25	-	-	0.25	
Okra	71.91	1.58	2.05	68.28	
Carrot	558.63	30.00	7.00	521.63	
Turnip	5.00	-	-	5.00	
Garlic (green)	4.51	2.00	0.55	1.96	
Onion (green)	91.93	18.20	2.25	71.48	
Radish	26.54	2.80	2.15	21.59	
Strawberry	1,036.99	94.23	1.70	941.06	
Potato	2,087.45	57.50	35.50	1,994.45	
Paprika	20.20	15.00	-	5.20	
Hot Pepper	88.49	17.21	7.35	63.93	
Kidney Bean (green)	116.54	4.70	1.39	110.45	
Broad Bean (green)	21.87	2.80	2.55	16.52	
Cowpea	11.50	1.00	-	10.50	( )
Peas (green)	196.92	9.85	1.72	185.35	( )
Cut Flower	4.00	-	-	4.00	
<b>Total</b>	<b>6,652.25</b>	<b>456.48</b>	<b>99.27</b>	<b>6,096.50</b>	

جدول 49: مساحة الخضراوات في محافظة شمال غزة حسب نمط الري ونوع الحماية ونوع المحصول والمساحة المحصودة، 2010/2009  
**Table 49: Area of Vegetables in North Gaza Governorate by Type of Irrigation, Type of Protection, Type of Crop and Harvested Area, 2009/2010**

Area in Dunum

المساحة بالدونم

Type of Crop	المساحة المحصودة Harvested Area	المجموع Total	نمط الري					نوع المحصول
			Type of Protection			نوع الحماية		
			بيوت بلاستيكية Plastic House	أنفاق فرنسية French Tunnel	أنفاق أرضية Surface Tunnel	مكشوف مروي Open Irrigated	مكشوف بعلي Open Rainfed	
Maize	146.98	167.63	-	-	-	167.63	-	
White Cabbage	158.97	177.13	-	-	3.00	173.38	0.75	
Red Cabbage	4.75	4.75	-	-	-	4.75	-	
Cauliflower	19.45	22.15	-	-	-	22.15	-	
Lettuce	2.00	3.10	-	-	-	3.10	-	
Spinach	17.28	17.28	-	-	-	17.28	-	
Jew's Mallow	192.15	197.57	86.70	5.50	-	105.37	-	
Parsley	0.70	0.70	-	-	-	0.70	-	
Chard	1.68	1.91	-	-	-	1.91	-	
Sorrel	1.25	3.05	-	-	-	3.05	-	
Arugula	2.16	3.16	-	-	-	3.16	-	
Cucumber	258.13	275.48	118.71	11.00	4.00	141.77	-	
Snake cucumber	30.43	32.43	-	-	-	20.43	12.00	
Eggplant	253.85	272.97	-	1.00	1.71	270.26	-	
Tomato	306.84	358.54	129.11	32.15	40.00	155.28	2.00	
Water Melon	466.85	529.33	-	-	45.50	483.83	-	
Muskmelon	81.66	87.90	50.10	-	18.00	19.80	-	
Squash	137.64	152.34	2.00	-	12.40	137.94	-	
Gourd	2.10	2.10	-	-	-	2.10	-	
Pumpkin	0.25	0.25	-	-	-	0.25	-	
Okra	52.86	71.91	-	-	-	48.91	23.00	
Carrot	511.24	558.63	-	-	-	551.63	7.00	
Turnip	5.00	5.00	-	-	-	5.00	-	
Garlic (green)	2.05	4.51	1.96	-	-	0.55	2.00	
Onion (green)	85.13	91.93	-	-	-	91.93	-	
Radish	25.05	26.54	-	-	-	26.54	-	
Strawberry	984.61	1,036.99	-	5.00	1,017.54	14.45	-	
Potato	1,961.78	2,087.45	-	-	-	1,972.75	114.70	
Paprika	19.20	20.20	-	-	15.00	5.20	-	
Hot Pepper	78.93	88.49	5.20	-	-	83.29	-	
Kidney Bean (green)	105.24	116.54	1.25	-	6.98	108.31	-	
Broad Bean (green)	18.87	21.87	-	-	-	21.12	0.75	
Cowpea	11.50	11.50	1.50	-	-	10.00	-	( )
Peas (green)	185.89	196.92	-	-	-	188.42	8.50	( )
Cut Flower	4.00	4.00	4.00	-	-	-	-	
<b>Total</b>	<b>6,136.47</b>	<b>6,652.25</b>	<b>400.53</b>	<b>54.65</b>	<b>1,164.13</b>	<b>4,862.24</b>	<b>170.70</b>	

جدول 50: مساحة الخضراوات المروية في محافظة شمال غزة حسب نمط الري وطريقة الري ونوع المحصول، 2010/2009

Table 50: Area of Irrigated Vegetables in North Gaza Governorate by Type of Irrigation, Method of Irrigation and Type of Crop, 2009/2010

Area in Dunum

المساحة بالدونم

Type of Crop	المجموع Total	نمط وطريقة الري Type and Method of Irrigation						نوع المحصول
		محمي Protected			مكتشوف مروى Open Irrigated			
		رشاشات Sprinkler	تنقيط Drip	سطحي Surface	رشاشات Sprinkler	تنقيط Drip	سطحي Surface	
Maize	167.63	-	-	-	-	155.13	12.50	
White Cabbage	176.38	-	3.00	-	13.00	156.01	4.37	
Red Cabbage	4.75	-	-	-	-	4.75	-	
Cauliflower	22.15	-	-	-	-	22.05	0.10	
Lettuce	3.10	-	-	-	-	3.10	-	
Spinach	17.28	-	-	-	1.62	14.54	1.12	
Jew's Mallow	197.57	22.00	70.20	-	7.00	95.82	2.55	
Parsley	0.70	-	-	-	-	0.50	0.20	
Chard	1.91	-	-	-	0.40	1.31	0.20	
Sorrel	3.05	-	-	-	-	2.75	0.30	
Arugula	3.16	-	-	-	2.30	0.76	0.10	
Cucumber	275.48	-	133.71	-	9.00	125.77	7.00	
Snake cucumber	20.43	-	-	-	-	20.43	-	
Eggplant	272.97	-	2.71	-	13.70	245.04	11.52	
Tomato	356.54	4.50	196.76	-	-	154.81	0.47	
Water Melon	529.33	-	45.50	-	36.00	434.83	13.00	
Muskmelon	87.90	-	68.10	-	-	17.80	2.00	
Squash	152.34	2.00	12.40	-	3.00	131.94	3.00	
Gourd	2.10	-	-	-	-	1.83	0.27	
Pumpkin	0.25	-	-	-	-	-	0.25	
Okra	48.91	-	-	-	-	47.41	1.50	
Carrot	551.63	-	-	-	275.70	260.93	15.00	
Turnip	5.00	-	-	-	-	5.00	-	
Garlic (green)	2.51	-	1.96	-	-	0.25	0.30	
Onion (green)	91.93	-	-	-	1.00	89.93	1.00	
Radish	26.54	-	-	-	2.82	23.22	0.50	
Strawberry	1,036.99	19.97	1,002.57	-	-	14.45	-	
Potato	1,972.75	-	-	-	87.45	1,723.80	161.50	
Paprika	20.20	-	15.00	-	-	5.20	-	
Hot Pepper	88.49	-	5.20	-	2.99	79.07	1.23	
Kidney Bean (green)	116.54	-	8.23	-	27.60	75.21	5.50	
Broad Bean (green)	21.12	-	-	-	-	15.52	5.60	
Cowpea	11.50	-	1.50	-	-	6.50	3.50	( )
Peas (green)	188.42	-	-	-	45.42	135.80	7.20	( )
Cut Flower	4.00	-	4.00	-	-	-	-	
<b>Total</b>	<b>6,481.55</b>	<b>48.47</b>	<b>1,570.84</b>	<b>-</b>	<b>529.00</b>	<b>4,071.46</b>	<b>261.78</b>	

جدول 51: مساحة الخضراوات في محافظة شمال غزة حسب وضع المحصول والعروة الزراعية، 2010/2009  
**Table 51: Area of Vegetables in North Gaza Governorate by Status of Crop and Agricultural Session, 2009/2010**

Agricultural Session	المجموع Total	Status of Crop			العروة الزراعية
		مختلط	مقترن	منفرد	
		Mixed	Associated	Single	
Winter	3,444.72	255.82	33.21	3,155.69	شتوي
Spring	930.50	51.51	4.80	874.19	ربيعي
Summer	1,746.17	138.32	52.36	1,555.49	صيفي
Autumn	530.86	10.83	8.90	511.13	خريفي
<b>Total</b>	<b>6,652.25</b>	<b>456.48</b>	<b>99.27</b>	<b>6,096.50</b>	<b>المجموع</b>

جدول 52: مساحة الخضراوات في محافظة شمال غزة حسب نمط الري وطريقة الري والعروة الزراعية، 2010/2009

Table 52: Area of Vegetables in North Gaza Governorate by Type of Irrigation, Method of Irrigation and Agricultural Session, 2009/2010

Area in Dunum

المساحة بالدونم

Agricultural Session	المجموع Total	Type and Method of Irrigation						المعروة الزراعية	
		Protected محمي			Open Irrigated مكشوف مروي				مكشوف بعلي Open Rainfed
		رشاشات Sprinkler	تنقيط Drip	سطحي Surface	رشاشات Sprinkler	تنقيط Drip	سطحي Surface		
Winter	3,444.72	34.50	1,022.19	-	337.69	1,753.75	170.49	126.10	شنتوي
Spring	930.50	6.00	99.70	-	33.70	743.50	24.00	23.60	ربيعي
Summer	1,746.17	2.00	171.76	-	109.99	1,386.53	56.89	19.00	صيفي
Autumn	530.86	5.97	277.19	-	47.62	187.68	10.40	2.00	خريفي
<b>Total</b>	<b>6,652.25</b>	<b>48.47</b>	<b>1,570.84</b>	<b>-</b>	<b>529.00</b>	<b>4,071.46</b>	<b>261.78</b>	<b>170.70</b>	<b>المجموع</b>



جدول 53: مساحة الخضراوات في محافظة شمال غزة حسب نمط الري ونوع الحماية والعروة الزراعية، 2010/2009

Table 53: Area of Vegetables in North Gaza Governorate by Type of Irrigation, Type of Protection and Agricultural Session, 2009/2010

Agricultural Session	المجموع Total	نمط الري ونوع الحماية					العروة الزراعية
		Type of Irrigation and Type of Protection			نوع الحماية		
		بيوت بلاستيكية Plastic House	أنفاق فرنسية French Tunnel	أنفاق أرضية Surface Tunnel	مكشوف مروي Open Irrigated	مكشوف بعلي Open Rainfed	
Winter	3,444.72	188.71	48.65	819.33	2,261.93	126.10	شتوي
Spring	930.50	57.20	3.00	45.50	801.20	23.60	ربيعي
Summer	1,746.17	118.31	3.00	52.45	1,553.41	19.00	صيفي
Autumn	530.86	36.31	-	246.85	245.70	2.00	خريفي
<b>Total</b>	<b>6,652.25</b>	<b>400.53</b>	<b>54.65</b>	<b>1,164.13</b>	<b>4,862.24</b>	<b>170.70</b>	المجموع

جدول 54: مساحة الخضراوات في محافظة شمال غزة حسب نمط الري وطريقة الري ووضع المحصول، 2010/2009

Table 54: Area of Vegetables in North Gaza Governorate by Type of Irrigation, Method of Irrigation and Status of Crop, 2009/2010

Area in Dunum

المساحة بالدونم

Status of Crop	المجموع Total	نمط وطريقة الري							وضع المحصول
		Protected			Open Irrigated			مكتشوف بعل Open Rainfed	
		رشاشات Sprinkler	تنقيط Drip	محمي سطحي Surface	رشاشات Sprinkler	تنقيط Drip	مكتشوف مروي سطحي Surface		
Single	6,096.50	48.47	1,435.36	-	482.19	3,726.44	238.84	165.20	منفرد
Associated	99.27	-	5.05	-	39.82	47.06	6.34	1.00	مقترن
Mixed	456.48	-	130.43	-	6.99	297.96	16.60	4.50	مختلط
<b>Total</b>	<b>6,652.25</b>	<b>48.47</b>	<b>1,570.84</b>	<b>-</b>	<b>529.00</b>	<b>4,071.46</b>	<b>261.78</b>	<b>170.70</b>	المجموع

جدول 55: مساحة الخضراوات في محافظة شمال غزة حسب نمط الري ونوع الحماية ووضع المحصول، 2010/2009

Table 55: Area of Vegetables in North Gaza Governorate by Type of Irrigation, Type of Protection and Status of Crop, 2009/2010

Area: Dunum

المساحة: دونم

Status of Crop	المجموع Total	Type of Irrigation and Protection			نمط الري ونوع الحماية		وضع المحصول
		Type of Protection			مكشوف مروي Open Irrigated	مكشوف بعلي Open Rainfed	
		بيوت بلاستيكية Plastic House	أنفاق فرنسية French Tunnel	أنفاق أرضية Surface Tunnel			
Single	<b>6,096.50</b>	394.98	54.65	1,034.20	4,447.47	165.20	منفرد
Associated	<b>99.27</b>	0.85	-	4.20	93.22	1.00	مقترن
Mixed	<b>456.48</b>	4.70	-	125.73	321.55	4.50	مختلط
<b>Total</b>	<b>6,652.25</b>	<b>400.53</b>	<b>54.65</b>	<b>1,164.13</b>	<b>4,862.24</b>	<b>170.70</b>	المجموع

2010/2009

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**Table 56: Number of Agricultural Holdings which have Tree Horticulture in North Gaza Governorate by Status of Crop and Type of Crop, 2009/2010**

Type of Crop	Status of Crop			
	Mixed	Associated	Single	
Avocado	10	-	1	
Banana	3	1	-	
Date	81	5	19	
Fig	96	6	16	
Sycamore Fig	1	-	-	
Mango	5	-	-	
Loquat	34	2	12	
Carica papaya	2	-	-	
Guava	96	5	32	
Custard apple	9	-	1	
Grapefruit	9	-	1	
Bomaly	8	-	1	
Lemon	544	49	649	
Orange, Valencia Orange	229	13	338	
Shamoty Orange	21	1	17	
Navel Orange	56	7	47	
Balady Orange	-	-	1	
Francawy Orange	22	1	14	
Bitter Orange	-	-	9	( )
Clement	68	4	55	
Poppy	153	17	141	
Other Citrus	2	1	4	
Grape	44	-	20	
Berry	3	-	1	
Apple	35	-	24	
Apricot	40	2	17	
Peach	58	2	15	( )
Pears	1	-	1	
Plum	2	1	1	
Almond (hard)	9	-	6	
Walnut	3	-	-	
Pomegranate	27	1	5	
Other Trees	17	-	1	
Olive	470	48	569	

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**Table 57: Number of Agricultural Holdings which have Tree Horticulture in North Gaza Governorate by Type of Irrigation and Type of Crop, 2009/2010**

Type of Crop	Type of Irrigation			
	Protected	Open Irrigated	Rainfed	
Avocado	-	11	-	
Banana	-	4	-	
Date	-	102	3	
Fig	-	111	7	
Sycamore Fig	-	1	-	
Mango	-	5	-	
Loquat	-	48	-	
Carica papaya	-	2	-	
Guava	-	129	2	
Custard apple	-	10	-	
Grapefruit	-	10	-	
Bomaly	-	9	-	
Lemon	-	1,218	6	
Orange, Valencia Orange	-	574	4	
Shamoty Orange	-	38	1	
Navel Orange	-	109	1	
Balady Orange	-	1	-	
Francauy Orange	-	37	-	
Bitter Orange	-	9	-	( )
Clement	-	121	3	
Poppy	-	306	2	
Other Citrus	-	7	-	
Grape	5	43	16	
Berry	-	4	-	
Apple	-	58	1	
Apricot	-	59	-	
Peach	-	74	1	( )
Pears	-	2	-	
Plum	-	4	-	
Almond (hard)	-	10	6	
Walnut	-	3	-	
Pomegranate	-	33	-	
Other Trees	-	18	-	
Olive	-	1,041	29	

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**Table 58: Number of Agricultural Holdings which have Irrigated Tree Horticulture in North Gaza Governorate by Method of Irrigation and Type of Crop, 2009/2010**

Type of Crop	Method of Irrigation			
	Sprinkler	Drip	Surface	
Avocado	-	6	5	
Banana	-	3	1	
Date	-	43	60	
Fig	1	38	72	
Sycamore Fig	-	-	1	
Mango	-	3	2	
Loquat	1	14	33	
Carica papaya	-	-	2	
Guava	1	56	74	
Custard apple	1	4	6	
Grapefruit	-	3	7	
Bomaly	-	2	7	
Lemon	23	441	770	
Orange, Valencia Orange	10	156	411	
Shammoty Orange	-	10	28	
Navel Orange	4	52	54	
Balady Orange	-	-	1	
Francaawy Orange	-	17	20	
Bitter Orange	-	6	3	( )
Clement	4	51	68	
Poppy	14	138	157	
Other Citrus	-	2	5	
Grape	-	25	23	
Berry	-	-	4	
Apple	2	27	29	
Apricot	1	28	30	
Peach	-	32	42	( )
Pears	-	-	2	
Plum	-	2	2	
Almond (hard)	-	8	2	
Walnut	-	2	1	
Pomegranate	1	20	12	
Other Trees	-	5	13	
Olive	15	361	672	

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**Table 59: Number and Area of Bearing and Unbearing Horticulture Trees in North Gaza Governorate by Method of Farming and Type of Crop, As in 01/10/2010**

Area: Dunum, Number: Tree

Type of Crop	Method of Farming											
	Total				Unbearing				Bearing			
	Scattered		Compact		Scattered		Compact		Scattered		Compact	
	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number
Avocado	0.73	10	2.14	91	-	-	0.10	8	0.73	10	2.04	83
Banana	0.05	1	0.15	13	-	-	-	-	0.05	1	0.15	13
Date	6.84	61	71.11	2,342	2.75	20	24.66	963	4.09	41	46.45	1,379
Fig	19.08	157	66.03	2,277	15.26	105	14.60	401	3.82	52	51.43	1,876
Mango	0.60	5	2.99	93	-	-	-	1	0.60	5	2.92	92
Loquat	2.05	26	15.09	595	0.60	12	6	267	1.45	14	9.00	328
Carica papaya	-	-	0.15	11	-	-	0.04	6	-	-	0.11	5
Guava	2.94	37	76.97	3,730	0.27	3	15.89	790	2.67	34	61.08	2,940
Custard apple	-	-	2.21	96	-	-	0.36	13	-	-	1.85	83
Grapefruit	0.60	6	1.13	66	-	-	-	-	0.60	6	1.13	66
Bomaly	0.16	3	2.56	206	-	-	-	-	0.16	3	2.56	206
Lemon	109.42	1,995	1,819.48	96,414	22.22	470	569.86	30,751	87.20	1,525	1,249.62	65,663
Orange, Valencia Orange	44.69	868	983.80	49,082	4.58	82	171.35	8,629	40.11	786	812.45	40,453
Shamoty Orange	8.12	161	70.96	4,074	-	-	12.50	1,340	8.12	161	58.46	2,734
Navel Orange	2.32	22	172.79	10,501	1.40	15	79.98	4,932	0.92	7	92.81	5,569
Balady Orange	-	-	1.50	100	-	-	1.50	100	-	-	-	-
Francaawy Orange	0.70	9	49.19	2,382	-	-	20.82	1,254	0.70	9	28.37	1,128
Clement	16.68	359	149.16	8,397	13.50	300	44.74	2,444	3.18	59	104.42	5,953
Poppy	12.68	235	492.68	28,966	-	-	135.66	8,823	12.68	235	357.02	20,143
Other Citrus	-	-	2.96	163	-	-	0.13	6	-	-	2.83	157

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**Table 59 (Cont): Number and Area of Bearing and Unbearing Horticulture Trees in North Gaza Governorate by Method of Farming and Type of Crop, As in 01/10/2010**

Area: Dunum, Number: Tree

Type of Crop	Method of Farming											
	Total				Unbearing				Bearing			
	Scattered		Compact		Scattered		Compact		Scattered		Compact	
	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number
Grape	40.59	568	31.90	2,235	-	-	1.70	254	40.59	568	30.20	1,981
Berry	-	-	0.87	12	-	-	-	-	-	-	0.87	12
Apple	0.15	2	115.41	9,255	-	-	5.92	369	0.15	2	109.49	8,886
Apricot	0.55	22	69.93	3,533	-	-	8.01	473	0.55	22	61.92	3,060
Peach	0.66	11	80.07	4,402	-	-	12.80	877	0.66	11	67.27	3,525
Pears	-	-	0.02	3	-	-	-	-	-	-	0.02	3
Plum	-	-	3.70	170	-	-	0.30	20	-	-	3.40	150
Almond (hard)	-	-	10.37	415	-	-	0.97	42	-	-	9.40	373
Walnut	-	-	0.56	6	-	-	0.30	3	-	-	0.26	3
Pomegranate	0.45	7	16.15	949	-	-	1.00	123	0.45	7	15.15	826
Other Trees	0.28	5	6.11	297	-	-	3.01	132	0.28	5	3.10	165
Olive	34.92	371	1,682.89	58,537	9.72	82	589.15	21,470	25.20	289	1,093.74	37,067
Bitter Orange	-	-	0.10	1	-	-	-	-	-	-	0.10	1
Sycamore Fig	-	-	40.00	1,720	-	-	40.00	1,720	-	-	-	-
<b>Total</b>	<b>305.26</b>	<b>4,941</b>	<b>6,041.13</b>	<b>291,134</b>	<b>70.30</b>	<b>1,089</b>	<b>1,761.51</b>	<b>86,211</b>	<b>234.96</b>	<b>3,852</b>	<b>4,279.62</b>	<b>204,923</b>



جدول 60: عدد ومساحة أشجار البستنة المثمرة في محافظة شمال غزة حسب وضع المحصول ونوع المحصول، كما هو في 2010/10/01

Table 60: Number and Area of Bearing Horticulture Trees in North Gaza Governorate by Status of Crop and Type of Crop, As in 01/10/2010

Area: Dunum, Number: Tree

المساحة: دونم، العدد: شجرة

Type of Crop	Status of Crop								نوع المحصول
	المجموع		مختلط		مقترن		منفرد		
	المساحة	العدد	المساحة	العدد	المساحة	العدد	المساحة	العدد	
	Area	Number	Area	Number	Area	Number	Area	Number	
Avocado	2.77	93	1.27	43	-	-	1.50	50	
Banana	0.20	14	0.10	4	0.10	10	-	-	
Date	50.54	1,420	27.43	816	1.13	19	21.98	585	
Fig	55.25	1,928	31.92	993	3.54	98	19.79	837	
Sycamore Fig	0.10	1	0.10	1	-	-	-	-	
Mango	3.52	97	3.52	97	-	-	-	-	
Loquat	10.45	342	4.28	138	0.35	5	5.82	199	
Carica papaya	0.11	5	0.11	5	-	-	-	-	
Guava	63.75	2,974	23.53	1,100	1.23	31	38.99	1,843	
Custard apple	1.85	83	1.83	81	-	-	0.02	2	
Grapefruit	1.73	72	1.23	44	-	-	0.50	28	
Bomaly	2.72	209	2.65	205	-	-	0.07	4	
Lemon	1,336.82	67,188	345.25	17,404	26.67	986	964.90	48,798	
Orange, Valencia Orange	852.56	41,239	145.89	7,660	11.46	588	695.21	32,991	
Shammoty Orange	66.58	2,895	15.28	600	-	-	51.30	2,295	
Navel Orange	93.73	5,576	34.92	1,951	9.29	365	49.52	3,260	
Francaawy Orange	29.07	1,137	5.84	222	-	-	23.23	915	
Clement	107.60	6,012	30.47	1,629	0.28	16	76.85	4,367	
Poppy	369.70	20,378	159.71	8,243	10.40	497	199.59	11,638	
Other Citrus	2.83	157	0.33	17	1.00	60	1.50	80	
Grape	70.79	2,549	15.36	771	-	-	55.43	1,778	
Berry	0.87	12	0.57	6	-	-	0.30	6	
Apple	109.64	8,888	18.54	1,253	-	-	91.10	7,635	
Apricot	62.47	3,082	35.25	1,741	1.20	52	26.02	1,289	
Peach	67.93	3,536	16.55	1,109	5.20	285	46.18	2,142	( )
Pears	0.02	3	0.01	1	-	-	0.01	2	
Plum	3.40	150	0.40	10	2.00	90	1.00	50	
Almond (hard)	9.40	373	5.24	188	-	-	4.16	185	
Walnut	0.26	3	0.26	3	-	-	-	-	
Pomegranate	15.60	833	7.57	443	0.50	10	7.53	380	
Other Trees	3.38	170	3.38	170	-	-	-	-	
Olive	1,118.94	37,356	379.17	12,090	29.85	972	709.92	24,294	
<b>Total</b>	<b>4,514.58</b>	<b>208,775</b>	<b>1,317.96</b>	<b>59,038</b>	<b>104.20</b>	<b>4,084</b>	<b>3,092.42</b>	<b>145,653</b>	

جدول 61: عدد ومساحة أشجار البستنة غير المثمرة في محافظة شمال غزة حسب وضع المحصول ونوع المحصول، كما هو في 2010/10/01  
**Table 61: Number and Area of Unbearing Horticulture Trees in North Gaza Governorate by Status of Crop and Type of Crop, As in 01/10/2010**

Area: Dunum, Number: Tree

المساحة: دونم، العدد: شجرة

Type of Crop	Status of Crop				وضع المحصول				نوع المحصول
	Total		Mixed		Associated		Single		
	المساحة	العدد	المساحة	العدد	المساحة	العدد	المساحة	العدد	
	Area	Number	Area	Number	Area	Number	Area	Number	
Avocado	0.10	8	0.10	8	-	-	-	-	
Date	27.41	983	11.00	565	9.80	250	6.61	168	
Fig	29.86	506	5.70	256	9.30	150	14.86	100	
Mango	0.07	1	0.07	1	-	-	-	-	
Loquat	6.69	279	0.65	15	-	-	6.04	264	
Carica papaya	0.04	6	0.04	6	-	-	-	-	
Guava	16.16	793	1.66	83	2.50	80	12.00	630	
Custard apple	0.36	13	0.36	13	-	-	-	-	
Lemon	592.08	31,221	137.78	8,327	54.90	3,090	399.40	19,804	
Orange, Valencia	175.93	8,711	31.63	1,983	12.30	630	132.00	6,098	
Orange									
Shammoty Orange	12.50	1,340	-	-	0.50	60	12.00	1,280	
Navel Orange	81.38	4,947	21.50	1,515	10.16	542	49.72	2,890	
Balady Orange	1.50	100	-	-	-	-	1.50	100	
Francaawy Orange	20.82	1,254	11.62	804	1.00	40	8.20	410	
Bitter Orange	40.00	1,720	-	-	-	-	40.00	1,720	( )
Clement	58.24	2,744	11.82	699	2.47	150	43.95	1,895	
Poppy	135.66	8,823	43.95	3,546	10.48	578	81.23	4,699	
Other Citrus	0.13	6	-	-	-	-	0.13	6	
Grape	1.70	254	0.40	54	-	-	1.30	200	
Apple	5.92	369	2.92	177	-	-	3.00	192	
Apricot	8.01	473	5.80	331	-	-	2.21	142	
Peach	12.80	877	6.30	317	-	-	6.50	560	( )
Plum	0.30	20	0.30	20	-	-	-	-	
Almond (hard)	0.97	42	0.22	12	-	-	0.75	30	
Walnut	0.30	3	0.30	3	-	-	-	-	
Pomegranate	1.00	123	1.00	123	-	-	-	-	
Other Trees	3.01	132	1.01	52	-	-	2.00	80	
Olive	598.87	21,552	137.83	5,835	42.28	1,538	418.76	14,179	
<b>Total</b>	<b>1,831.81</b>	<b>87,300</b>	<b>433.96</b>	<b>24,745</b>	<b>155.69</b>	<b>7,108</b>	<b>1,242.16</b>	<b>55,447</b>	

جدول 62: عدد ومساحة أشجار البستنة المثمرة في محافظة شمال غزة حسب نمط الري ونوع المحصول، كما هو في 2010/10/01

**Table 62: Number and Area of Bearing Horticulture Trees in North Gaza Governorate by Type of Irrigation and Type of Crop, As in 01/10/2010**

Area: Dunum, Number: Tree

المساحة: دونم، العدد: شجرة

Type of Crop	نمط الري						نوع المحصول
	Total		Irrigated		Rainfed		
	المساحة	العدد	المساحة	العدد	المساحة	العدد	
	Area	Number	Area	Number	Area	Number	
Avocado	2.77	93	2.77	93	-	-	
Banana	0.20	14	0.20	14	-	-	
Date	50.54	1,420	49.36	1,393	1.18	27	
Fig	55.25	1,928	51.33	1,760	3.92	168	
Mango	3.52	97	3.52	97	-	-	
Loquat	10.45	342	10.45	342	-	-	
Carica papaya	0.11	5	0.11	5	-	-	
Guava	63.75	2,974	63.42	2,969	0.33	5	
Custard apple	1.85	83	1.85	83	-	-	
Grapefruit	1.73	72	1.73	72	-	-	
Bomaly	2.72	209	2.72	209	-	-	
Lemon	1,336.82	67,188	1,331.61	66,955	5.21	233	
Orange, Valencia Orange	852.56	41,239	848.72	41,137	3.84	102	
Shamoty Orange	66.58	2,895	65.58	2,885	1.00	10	
Navel Orange	93.73	5,576	91.73	5,536	2.00	40	
Francaawy Orange	29.07	1,137	29.07	1,137	-	-	
Clement	107.60	6,012	105.41	5,950	2.19	62	
Poppy	369.70	20,378	367.00	20,356	2.70	22	
Other Citrus	2.83	157	2.83	157	-	-	
Grape	70.79	2,549	22.03	1,235	48.76	1,314	
Berry	0.87	12	0.87	12	-	-	
Apple	109.64	8,888	109.59	8,885	0.05	3	
Apricot	62.47	3,082	62.47	3,082	-	-	
Peach	67.93	3,536	67.83	3,535	0.10	1	( )
Pears	0.02	3	0.02	3	-	-	
Plum	3.40	150	3.40	150	-	-	
Almond (hard)	9.40	373	2.97	143	6.43	230	
Walnut	0.26	3	0.26	3	-	-	
Pomegranate	15.60	833	15.60	833	-	-	
Other Trees	3.38	170	3.38	170	-	-	
Olive	1,118.94	37,356	1,045.81	35,900	73.13	1,456	
Sycamore Fig	0.10	1	0.10	1	-	-	
<b>Total</b>	<b>4,514.58</b>	<b>208,775</b>	<b>4,363.74</b>	<b>205,102</b>	<b>150.84</b>	<b>3,673</b>	

جدول 63: عدد ومساحة أشجار البستنة غير المثمرة في محافظة شمال غزة حسب نمط الري ونوع المحصول، كما هو في 2010/10/01

**Table 63: Number and Area of Unbearing Horticulture Trees in North Gaza Governorate by Type of Irrigation and Type of Crop, As in 01/10/2010**

Area: Dunum, Number: Tree

المساحة: دونم، العدد: شجرة

Type of Crop	نمط الري						نوع المحصول
	Type of Irrigation		Irrigated		Rainfed		
	Total	المجموع	المساحة	مروي	المساحة	بعلي	
المساحة	العدد	المساحة	العدد	المساحة	العدد		
Area	Number	Area	Number	Area	Number		
Avocado	0.10	8	0.10	8	-	-	
Date	27.41	983	27.41	983	-	-	
Fig	29.86	506	29.86	506	-	-	
Mango	0.07	1	0.07	1	-	-	
Loquat	6.69	279	6.69	279	-	-	
Carica papaya	0.04	6	0.04	6	-	-	
Guava	16.16	793	16.16	793	-	-	
Custard apple	0.36	13	0.36	13	-	-	
Lemon	592.08	31,221	592.08	31,221	-	-	
Orange, Valencia Orange	175.93	8,711	175.93	8,711	-	-	
Shamoty Orange	12.50	1,340	12.50	1,340	-	-	
Navel Orange	81.38	4,947	81.38	4,947	-	-	
Balady Orange	1.50	100	1.50	100	-	-	
Francaawy Orange	20.82	1,254	20.82	1,254	-	-	
Clement	58.24	2,744	58.24	2,744	-	-	
Poppy	135.66	8,823	135.66	8,823	-	-	
Other Citrus	0.13	6	0.13	6	-	-	
Grape	1.70	254	0.90	204	0.80	50	
Apple	5.92	369	5.92	369	-	-	
Apricot	8.01	473	8.01	473	-	-	
Peach	12.80	877	12.80	877	-	-	( )
Plum	0.30	20	0.30	20	-	-	
Almond (hard)	0.97	42	0.97	42	-	-	
Walnut	0.30	3	0.30	3	-	-	
Pomegranate	1.00	123	1.00	123	-	-	
Other Trees	3.01	132	3.01	132	-	-	
Olive	598.87	21,552	591.11	21,348	7.76	204	
Bitter Orange	40.00	1,720	40.00	1,720	-	-	( )
<b>Total</b>	<b>1,831.81</b>	<b>87,300</b>	<b>1,823.25</b>	<b>87,046</b>	<b>8.56</b>	<b>254</b>	

جدول 64: عدد ومساحة أشجار البستنة المثمرة المروية في محافظة شمال غزة حسب طريقة الري ونوع المحصول، كما هو في 2010/10/01

**Table 64: Number and Area of Bearing Irrigated Horticulture Trees in North Gaza Governorate by Method of Irrigation and Type of Crop, As in 01/10/2010**

Area: Dunum, Number: Tree

المساحة: دونم، العدد: شجرة

Type of Crop	Method of Irrigation						طريقة الري		نوع المحصول
	Total		Sprinkler		Drip		Surface		
	المساحة	العدد	المساحة	العدد	المساحة	العدد	المساحة	العدد	
	Area	Number	Area	Number	Area	Number	Area	Number	
Avocado	2.77	93	-	-	2.04	83	0.73	10	
Banana	0.20	14	-	-	0.17	12	0.03	2	
Date	49.36	1,393	-	-	23.14	506	26.22	887	
Fig	51.33	1,760	0.10	9	14.66	617	36.57	1,134	
Mango	3.52	97	-	-	0.60	5	2.92	92	
Loquat	10.45	342	0.08	2	3.10	156	7.27	184	
Carica papaya	0.11	5	-	-	-	-	0.11	5	
Guava	63.42	2,969	0.36	15	31.97	1,515	31.09	1,439	
Custard apple	1.85	83	0.09	3	0.19	11	1.57	69	
Grapefruit	1.73	72	-	-	0.22	10	1.51	62	
Bomaly	2.72	209	-	-	2.18	184	0.54	25	
Lemon	1,331.61	66,955	13.57	799	496.49	25,044	821.55	41,112	
Orange, Valencia Orange	848.72	41,137	5.29	330	304.15	13,511	539.28	27,296	
Shamoty Orange	65.58	2,885	-	-	36.27	1,622	29.31	1,263	
Navel Orange	91.73	5,536	7.65	355	48.08	3,164	36.00	2,017	
Francauy Orange	29.07	1,137	-	-	10.06	369	19.01	768	
Clement	105.41	5,950	3.35	110	51.59	3,256	50.47	2,584	
Poppy	367.00	20,356	13.62	800	199	11,146	154.78	8,410	
Other Citrus	2.83	157	-	-	0.58	35	2.25	122	
Grape	22.03	1,235	-	-	13.38	927	8.65	308	
Berry	0.87	12	-	-	-	-	0.87	12	
Apple	109.59	8,885	0.09	3	63.79	5,787	45.71	3,095	
Apricot	62.47	3,082	0.86	40	33.65	1,707	27.96	1,335	
Peach	67.83	3,535	-	-	43	2,397	24.72	1,138	( )
Pears	0.02	3	-	-	-	-	0.02	3	
Plum	3.40	150	-	-	2.00	90	1	60	
Almond (hard)	2.97	143	-	-	1.97	93	1.00	50	
Walnut	0.26	3	-	-	0.11	1	0.15	2	
Pomegranate	15.60	833	0.05	2	9.31	488	6.24	343	
Other Trees	3.38	170	-	-	0.32	17	3.06	153	
Olive	1,045.81	35,900	11.36	508	349.00	12,253	685.45	23,139	
Sycamore Fig	0.10	1	-	-	-	-	0.10	1	
<b>Total</b>	<b>4,363.74</b>	<b>205,102</b>	<b>56.47</b>	<b>2,976</b>	<b>1,740.73</b>	<b>85,006</b>	<b>2,566.54</b>	<b>117,120</b>	

جدول 65: عدد ومساحة أشجار البستنة غير المثمرة المروية في محافظة شمال غزة حسب طريقة الري ونوع المحصول، كما هو في 2010/10/01  
**Table 65: Number and Area of Unbearing Irrigated Horticulture Trees in North Gaza Governorate by Method of Irrigation and Type of Crop, As in 01/10/2011**

Area: Dunum, Number: Tree

المساحة: دونم، العدد: شجرة

Type of Crop	Method of Irrigation						طريقة الري		نوع المحصول
	المجموع		رشاشات		تنقيط		سطحي		
	المساحة	العدد	المساحة	العدد	المساحة	العدد	المساحة	العدد	
	Area	Number	Area	Number	Area	Number	Area	Number	
Avocado	0.10	8	-	-	0.04	3	0.06	5	أفوجادو
Date	27.41	983	-	-	13.70	383	13.71	600	بلح
Fig	29.86	506	-	-	26.79	358	3.07	148	تين
Mango	0.07	1	-	-	0.07	1	-	-	مانجا
Loquat	6.69	279	-	-	5.00	200	1.69	79	أسكندنيا
Carica papaya	0.04	6	-	-	-	-	0.04	6	باباي
Guava	16.16	793	-	-	12.86	653	3.30	140	جرافة
Custard apple	0.36	13	-	-	0.36	13	-	-	قشطة
Lemon	592.08	31,221	14.23	1,015	288.63	15,797	289.22	14,409	ليمون
Orange, Valencia Orange	175.93	8,711	4.00	225	99.82	5,312	72.11	3,174	برتقال
Shammoty Orange	12.50	1,340	-	-	0.50	60	12.00	1,280	برتقال شموطي
Navel Orange	81.38	4,947	1.50	150	44.97	2,870	34.91	1,927	برتقال أبوصرة
Balady Orange	1.50	100	-	-	-	-	1.50	100	برتقال بلدي
Francaawy Orange	20.82	1,254	-	-	16.45	960	4.37	294	برتقال فرنساوي
Clement	58.24	2,744	2.48	190	40.18	1,696	15.58	858	كلمنتينا
Poppy	135.66	8,823	4.98	430	76.08	4,729	54.60	3,664	مخال
Other Citrus	0.13	6	-	-	-	-	0.13	6	حمضيات أخرى
Grape	0.90	204	-	-	0.78	192	0.12	12	عنب
Apple	5.92	369	1.00	60	2.87	174	2.05	135	تفاح
Apricot	8.01	473	-	-	5.40	291	2.61	182	المشمش
Peach	12.80	877	-	-	4.36	374	8.44	503	خوخ (دراق)
Plum	0.30	20	-	-	0.30	20	-	-	برقوق
Almond (hard)	0.97	42	-	-	0.78	32	0.19	10	لوز يابس
Walnut	0.30	3	-	-	0.30	3	-	-	جوز
Pomegranate	1.00	123	-	-	0.81	105	0.19	18	رمان
Other Trees	3.01	132	-	-	0.90	39	2.11	93	أشجار بستنة أخرى
Olive	591.11	21,348	18.82	555	320.28	10,298	252.01	10,495	زيتون
Bitter Orange	40.00	1,720	-	-	32.50	1,340	7.50	380	( )
<b>Total</b>	<b>1,823.25</b>	<b>87,046</b>	<b>47.01</b>	<b>2,625</b>	<b>994.73</b>	<b>45,903</b>	<b>781.51</b>	<b>38,518</b>	<b>المجموع</b>

جدول 66: عدد ومساحة أشجار البستنة المثمرة وغير المثمرة في محافظة شمال غزة حسب نوع الحماية ونوع المحصول، كما هو في 2010/10/01

**Table 66: Number and Area of Bearing and Unbearing Horticulture Trees in North Gaza Governorate by Type of Protection and Type of Crop, As in 01/10/2010**

Area: Dunum, Number: Tree

المساحة: دونم، العدد: شجرة

Type of Crop	نوع الحماية											نوع المحصول							
	Type of Protection				المجموع				Unbearing				Bearing						
	Total		مكتشف		محمي		Open		مكتشف		محمي		Open		مكتشف		محمي		
	المساحة	العدد	المساحة	العدد	المساحة	العدد	المساحة	العدد	المساحة	العدد	المساحة		العدد	المساحة	العدد	المساحة	العدد	المساحة	العدد
Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number		
Avocado	2.87	101	-	-	0.10	8	-	-	2.77	93	-	-							
Banana	0.20	14	-	-	-	-	-	-	0.20	14	-	-							
Date	77.95	2,403	-	-	27.41	983	-	-	50.54	1,420	-	-							
Fig	85.11	2,434	-	-	29.86	506	-	-	55.25	1,928	-	-							
Mango	3.59	98	-	-	0.07	1	-	-	3.52	97	-	-							
Loquat	17.14	621	-	-	6.69	279	-	-	10.45	342	-	-							
Carica papaya	0.15	11	-	-	0.04	6	-	-	0.11	5	-	-							
Guava	79.91	3,767	-	-	16.16	793	-	-	63.75	2,974	-	-							
Custard apple	2.21	96	-	-	0.36	13	-	-	1.85	83	-	-							
Grapefruit	1.73	72	-	-	-	-	-	-	1.73	72	-	-							
Bomaly	2.72	209	-	-	-	-	-	-	2.72	209	-	-							
Lemon	1,928.90	98,409	-	-	592.08	31,221	-	-	1,336.82	67,188	-	-							
Orange, Valencia	1,028.49	49,950	-	-	175.93	8,711	-	-	852.56	41,239	-	-							
Orange																			
Shamoty Orange	79.08	4,235	-	-	12.50	1,340	-	-	66.58	2,895	-	-							
Navel Orange	175.11	10,523	-	-	81.38	4,947	-	-	93.73	5,576	-	-							
Balady Orange	1.50	100	-	-	1.50	100.00	-	-	-	-	-	-							
Francaawy Orange	49.89	2,391	-	-	20.82	1,254	-	-	29.07	1,137	-	-							
Clement	165.84	8,756	-	-	58.24	2,744	-	-	107.60	6,012	-	-							
Poppy	505.36	29,201	-	-	135.66	8,823	-	-	369.70	20,378	-	-							
Other Citrus	2.96	163	-	-	0.13	6	-	-	2.83	157	-	-							
Grape	64.99	2,016	7.50	787	1.20	104	0.50	150	63.79	1,912	7.00	637							

جدول 66 (تابع): عدد ومساحة أشجار البستنة المثمرة وغير المثمرة في محافظة شمال غزة حسب نوع الحماية ونوع المحصول، كما هو في 2010/10/01

Table 66 (Cont): Number and Area of Bearing and Unbearing Horticulture Trees in North Gaza Governorate by Type of Protection and Type of Crop, As in 01/10/2010

Area: Dunum, Number: Tree

المساحة: دونم، العدد: شجرة

Type of Crop	نوع الحماية											نوع المحصول					
	Type of Protection				المجموع				غير مثمر				مثمر				
	Total		Protected		Unbearing		Bearing		Open		Protected		Open		Protected		
	المساحة	العدد	المساحة	العدد	المساحة	العدد	المساحة	العدد	المساحة	العدد	المساحة		العدد	المساحة	العدد	المساحة	العدد
Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number		
Berry	0.87	12	-	-	-	-	-	-	-	0.87	12	-	-				
Apple	115.56	9,257	-	-	5.92	369	-	-	109.64	8,888	-	-					
Apricot	70.48	3,555	-	-	8.01	473	-	-	62.47	3,082	-	-					
Peach	80.73	4,413	-	-	12.80	877	-	-	67.93	3,536	-	-				( )	
Pears	0.02	3	-	-	-	-	-	-	0.02	3	-	-					
Plum	3.70	170	-	-	0.30	20	-	-	3.40	150	-	-					
Almond (hard)	10.37	415	-	-	0.97	42	-	-	9.40	373	-	-					
Walnut	0.56	6	-	-	0.30	3	-	-	0.26	3	-	-					
Pomegranate	16.60	956	-	-	1.00	123	-	-	15.60	833	-	-					
Other Trees	6.39	302	-	-	3.01	132	-	-	3.38	170	-	-					
Olive	1,717.81	58,908	-	-	598.87	21,552	-	-	1,118.94	37,356	-	-					
Sycamore Fig	0.10	1	-	-	-	-	-	-	0.10	1	-	-					
Bitter Orange	40.00	1,720	-	-	40.00	1,720	-	-	-	-	-	-				( )	
<b>Total</b>	<b>6,338.89</b>	<b>295,288</b>	<b>7.50</b>	<b>787</b>	<b>1,831.31</b>	<b>87,150</b>	<b>0.50</b>	<b>150</b>	<b>4,507.58</b>	<b>208,138</b>	<b>7.00</b>	<b>637</b>					



جدول 67: عدد ومساحة أشجار البستنة المثمرة وغير المثمرة في محافظة شمال غزة حسب طريقة الزراعة ووضع المحصول، كما هو في 2010/10/01

**Table 67: Number and Area of Bearing and Unbearing Horticulture Trees in North Gaza Governorate by Method of Farming and Status of Crop, As in 01/10/2010**

Area: Dunum, Number: Tree

المساحة: دونم، العدد: شجرة

Status of Crop	Method of Farming								طريقة الزراعة				وضع المحصول
	المجموع				المجموع				Unbearing		Bearing		
	Scattered		Compact		Scattered		Compact		Scattered		Compact		
	المساحة	العدد	المساحة	العدد	المساحة	العدد	المساحة	العدد	المساحة	العدد	المساحة	العدد	
	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	
Single	201.94	3,291	4,132.64	197,809	66.25	1,020	1,175.91	54,427	135.69	2,271	2,956.73	143,382	منفرد
Associated	16.57	293	243.32	10,899	-	-	155.69	7,108	16.57	293	87.63	3,791	
Mixed	86.75	1,357	1,665.17	82,426	4.05	69	429.91	24,676	82.70	1,288	1,235.26	57,750	
<b>Total</b>	<b>305.26</b>	<b>4,941</b>	<b>6,041.13</b>	<b>291,134</b>	<b>70.30</b>	<b>1,089</b>	<b>1,761.51</b>	<b>86,211</b>	<b>234.96</b>	<b>3,852</b>	<b>4,279.62</b>	<b>204,923</b>	المجموع

جدول 68: عدد ومساحة أشجار البستنة المثمرة المروية في محافظة شمال غزة حسب طريقة الري وطريقة الزراعة، كما هو في 2010/10/01

**Table 68: Number and Area of Bearing Irrigated Horticulture Trees in North Gaza Governorate by Method of Irrigation and Method of Farming, As in 01/10/2010**

Area in Dunum, Number: Tree

المساحة بالدونم، العدد: شجرة

Method of Farming	Method of Irrigation								طريقة الزراعة
	المجموع		رشاشات		تنقيط		سطحي		
	المساحة	العدد	المساحة	العدد	المساحة	العدد	المساحة	العدد	
	Area	Number	Area	Number	Area	Number	Area	Number	
Compact	4,171.19	201,779	54.47	2,952	1,675.72	83,984	2,441.00	114,843	مكثف
Scattered	192.55	3,323	2.00	24	65.01	1,022	125.54	2,277	مبعثر
<b>Total</b>	<b>4,363.74</b>	<b>205,102</b>	<b>56.47</b>	<b>2,976</b>	<b>1,740.73</b>	<b>85,006</b>	<b>2,566.54</b>	<b>117,120</b>	المجموع

جدول 69: عدد ومساحة أشجار البستنة غير المثمرة المروية في محافظة شمال غزة حسب طريقة الري وطريقة الزراعة، كما هو في 2010/10/01  
**Table 69: Number and Area of Unbearing Irrigated Horticulture Trees in North Gaza Governorate by Method of Irrigation and Method of Farming, As in 01/10/2010**

Area in Dunum, Number: Tree

المساحة بالدونم، العدد: شجرة

Method of Farming	Method of Irrigation						طريقة الري		طريقة الزراعة
	المجموع		رشاشات		تنقيط		سطحي		
	المساحة	العدد	المساحة	العدد	المساحة	العدد	المساحة	العدد	
	Area	Number	Area	Number	Area	Number	Area	Number	
Compact	1752.95	85,957	47.01	2,625	946.33	45,229	759.61	38,103	مكثف
Scattered	70.30	1,089	-	-	48.40	674	21.90	415	مبعثر
<b>Total</b>	<b>1823.25</b>	<b>87,046</b>	<b>47.01</b>	<b>2,625</b>	<b>994.73</b>	<b>45,903</b>	<b>781.51</b>	<b>38,518</b>	المجموع

جدول 70: عدد ومساحة أشجار البستنة المثمرة وغير المثمرة في محافظة شمال غزة حسب نوع الحماية وطريقة الزراعة، كما هو في 2010/10/01

**Table 70: Number and Area of Bearing and Unbearing Horticulture Trees in North Gaza Governorate by Type of Protection and Method of Farming, As in 01/10/2010**

Area: Dunum, Number: Tree

المساحة: دونم، العدد: شجرة

Method of Farming	Type of Protection											طريقة الزراعة	
	المجموع				Unbearing				Bearing				
	Open		Protected		Open		Protected		Open		Protected		
	المساحة	العدد	المساحة	العدد	المساحة	العدد	المساحة	العدد	المساحة	العدد	المساحة		العدد
	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	
Compact	6,036.13	290,382	5.00	752	1,761.01	86,061	0.50	150	4,275.12	204,321	4.50	602	مكثف
Scattered	302.76	4,906	2.50	35	70.30	1,089	-	-	232.46	3,817	2.50	35	مبعثر
<b>Total</b>	<b>6,338.89</b>	<b>295,288</b>	<b>7.50</b>	<b>787</b>	<b>1,831.31</b>	<b>87,150</b>	<b>0.50</b>	<b>150</b>	<b>4,507.58</b>	<b>208,138</b>	<b>7.00</b>	<b>637</b>	المجموع

جدول 71: عدد ومساحة أشجار البستنة المثمرة في محافظة شمال غزة حسب نمط الري ووضع المحصول، كما هو في 2010/10/01  
**Table 71: Number and Area of Bearing Horticulture Trees in North Gaza Governorate by Type of Irrigation and Status of Crop, As in 01/10/2010**

Area: Dunum, Number: Tree

المساحة بالدونم، العدد: شجرة

Status of Crop	نمط الري						وضع المحصول
	Type of Irrigation		Irrigated		Rainfed		
	Total	المجموع	المساحة	مروي	المساحة	يعلي	
	المساحة	العدد	المساحة	العدد	المساحة	العدد	
	Area	Number	Area	Number	Area	Number	
Single	3,092.42	145,653	3,001.91	143,486	90.51	2,167	منفرد
Associated	104.20	4,084	102.20	4,044	2.00	40	مقترن
Mixed	1,317.96	59,038	1,259.63	57,572	58.33	1,466	مختلط
<b>Total</b>	<b>4,514.58</b>	<b>208,775</b>	<b>4,363.74</b>	<b>205,102</b>	<b>150.84</b>	<b>3,673</b>	<b>المجموع</b>

جدول 72: عدد ومساحة أشجار البستنة غير المثمرة في محافظة شمال غزة حسب نمط الري ووضع المحصول، كما هو في 2010/10/01

**Table 72: Number and Area of Unbearing Horticulture Trees in North Gaza Governorate by Type of Irrigation and Status of Crop, As in 01/10/2010**

Area in Dunum, Number: Tree

المساحة بالدونم، العدد: شجرة

Status of Crop	Type of Irrigation						وضع المحصول
	Total		Irrigated		Rainfed		
	المساحة Area	العدد Number	المساحة Area	العدد Number	المساحة Area	العدد Number	
Single	1,242.16	55,447	1,233.60	55,193	8.56	254	منفرد
Associated	155.69	7,108	155.69	7,108	-	-	مقترن
Mixed	433.96	24,745	433.96	24,745	-	-	مختلط
<b>Total</b>	<b>1,831.81</b>	<b>87,300</b>	<b>1,823.25</b>	<b>87,046</b>	<b>8.56</b>	<b>254</b>	<b>المجموع</b>

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**Table 73: Number and Area of Bearing Irrigated Horticulture Trees in North Gaza Governorate by Method of Irrigation and Status of Crop, As in 01/10/2010**

Area in Dunum, Number: Tree

Status of Crop	Method of Irrigation							
	Total		Sprinkler		Drip		Surface	
	Area	Number	Area	Number	Area	Number	Area	Number
Single	<b>3,001.91</b>	<b>143,486</b>	30.40	1,740	1,185.53	59,176	1,785.98	82,570
Associated	<b>102.20</b>	<b>4,044</b>	11.15	460	32.87	1,246	58.18	2,338
Mixed	<b>1,259.63</b>	<b>57,572</b>	14.92	776	522.33	24,584	722.38	32,212
<b>Total</b>	<b>4,363.74</b>	<b>205,102</b>	<b>56.47</b>	<b>2,976</b>	<b>1,740.73</b>	<b>85,006</b>	<b>2,566.54</b>	<b>117,120</b>

جدول 74: عدد ومساحة أشجار البستنة غير المثمرة المروية في محافظة شمال غزة حسب طريقة الري ووضع المحصول، كما هو في 2010/10/01

**Table 74: Number and Area of Unbearing Irrigated Horticulture Trees in North Gaza Governorate by Method of Irrigation and Status of Crop, As in 01/10/2010**

Area in Dunum, Number: Tree

Status of Crop	Method of Irrigation											
	Total		المجموع		Sprinkler		رشاشات		Drip		Surface	
	Area	Number	المساحة	العدد	Area	Number	Area	Number	Area	Number		
Single	1,233.60	55,193	34.38	1,625.00	666.59	27,607	532.63	25,961				
Associated	155.69	7,108	5.15	480.00	97.28	3,946	53.26	2,682				
Mixed	433.96	24,745	7.48	520.00	230.86	14,350	195.62	9,875				
<b>Total</b>	<b>1,823.25</b>	<b>87,046</b>	<b>47.01</b>	<b>2,625.00</b>	<b>994.73</b>	<b>45,903</b>	<b>781.51</b>	<b>38,518</b>				



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**Table 75: Number and Area of Bearing and Unbearing Horticulture Trees in North Gaza Governorate by Type of Protection and Status of Crop, As in 01/10/2010**

Area: Dunum, Number: Tree

Crop Status	Type of Protection											
	Total				Unbearing				Bearing			
	Open		Protected		Open		Protected		Open		Protected	
	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number
Single	4,327.08	200,313	7.50	787	1,241.66	55,297	0.50	150	3,085.42	145,016	7.00	637
Associated	259.89	11,192	-	-	155.69	7,108	-	-	104.20	4,084	-	-
Mixed	1,751.92	83,783	-	-	433.96	24,745	-	-	1,317.96	59,038	-	-
<b>Total</b>	<b>6,338.89</b>	<b>295,288</b>	<b>7.50</b>	<b>787</b>	<b>1,831.31</b>	<b>87,150</b>	<b>0.50</b>	<b>150</b>	<b>4,507.58</b>	<b>208,138</b>	<b>7.00</b>	<b>637</b>

جدول 76: عدد الحيازات الزراعية في محافظة شمال غزة التي تربي أبقار أو ضأن أو ماعز أو جمال حسب فئات مساحة الحيازة،  
2010/2009

**Table 76: Number of Agricultural Holdings in North Gaza Governorate which Raising Cattles, Sheep, Goats or Camels by Area Group of Holding, 2009/2010**

Area Group of Holding in Dunum	Total	Mix	Camels Only	Goats Only	Sheep Only	Cattles Only	
Up to 2.99	994	286	2	114	481	111	حتى 2.99
3 - 5.99	121	31	1	12	60	17	3 - 5.99
6 - 9.99	56	19	1	6	27	3	6 - 9.99
10 - 19.99	33	10	-	4	15	4	10 - 19.99
20 - 29.99	10	5	-	1	3	1	20 - 29.99
30 - 39.99	3	2	-	.	1	-	30 - 39.99
40 - 49.99	4	-	-	1	3	-	40 - 49.99
70 - 79.99	1	-	-	-	1	-	70 - 79.99
80 +	3	1	-	-	2	-	+ 80
<b>Total</b>	<b>1,225</b>	<b>354</b>	<b>4</b>	<b>138</b>	<b>593</b>	<b>136</b>	

جدول 77: عدد الحيازات الزراعية في محافظة شمال غزة التي تربي أبقار أو ضأن أو ماعز أو جمال حسب حجم أسرة الحائز،  
2010/2009

**Table 77: Number of Agricultural Holdings in North Gaza Governorate which Raising Cattles, Sheep, Goats or Camels by Size of Holder Household, 2009/2010**

Size of Holder Household	Total	Mix	Camels Only	Goats Only	Sheep Only	Cattles Only	
One Person	11	2	-	3	4	2	
2 - 3	160	43	1	25	66	25	3 - 2
4 - 5	177	44	-	15	94	24	5 - 4
6 - 9	545	161	3	61	262	58	9 - 6
10 +	331	103	-	34	167	27	+ 10
Not applicable	1	1	-	-	-	-	
<b>Total</b>	<b>1,225</b>	<b>354</b>	<b>4</b>	<b>138</b>	<b>593</b>	<b>136</b>	

جدول 78: عدد الحيازات الزراعية في محافظة شمال غزة التي تربي أبقار أو ضأن أو ماعز أو جمال حسب الكيان القانوني للحائز،  
2010/2009

**Table 78: Number of Agricultural Holdings in North Gaza Governorate which Raising Cattles, Sheep, Goats or Camels by Legal Status of Holder, 2009/2010**

Legal Status of Holder	Total	Mix	Camels Only	Goats Only	Sheep Only	Cattles Only	
Individual	1,088	307	4	117	531	129	
Partnership	39	15	-	3	19	2	
Household	97	31	-	18	43	5	
Governmental	1	1	-	-	-	-	
<b>Total</b>	<b>1,225</b>	<b>354</b>	<b>4</b>	<b>138</b>	<b>593</b>	<b>136</b>	

جدول 79: عدد الحيازات الزراعية في محافظة شمال غزة التي تربي أبقار أو ضأن أو ماعز أو جمال حسب الغرض الرئيسي للإنتاج،  
2010/2009

**Table 79: Number of Agricultural Holdings in North Gaza Governorate which Raising Cattles, Sheep, Goats or Camels by Main Purpose of Production, 2009/2010**

Main Purpose of Production	Total	Mix	Camels Only	Goats Only	Sheep Only	Cattles Only	
For Household Consumption	970	306	-	89	464	111	
For Sale	248	44	4	48	127	25	
Not Stated	7	4	-	1	2	-	غير مبين
<b>Total</b>	<b>1,225</b>	<b>354</b>	<b>4</b>	<b>138</b>	<b>593</b>	<b>136</b>	

جدول 80: عدد الحيازات الزراعية في محافظة شمال غزة التي تربي أبقار أو ضأن أو ماعز أو جمال حسب أسلوب إدارة الحيازة، 2010/2009

**Table 80: Number of Agricultural Holdings in North Gaza Governorate which Raising Cattles, Sheep, Goats or Camels by Holding Management Method, 2009/2010**

Holding Management Method	Total	Mix	Camels Only	Goats Only	Sheep Only	Cattles Only	
Holder Himself	967	267	3	107	469	121	الحائز نفسه
Paid Manager	13	5	1	4	2	1	مدير بأجر
Member of the Holders Family	245	82	-	27	122	14	أحد أفراد الأسرة
<b>Total</b>	<b>1,225</b>	<b>354</b>	<b>4</b>	<b>138</b>	<b>593</b>	<b>136</b>	

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**Table 81: Number of Agricultural Holdings in North Gaza Governorate which Raising Cattles, Sheep or Goats by Sex and Strain, 2009/2010**

Strain	Sex			
	Males and Females	Females Only	Males Only	
<b>Cattles</b>	<b>135</b>	<b>151</b>	<b>75</b>	
Local	59	99	25	
Friesian	64	45	28	
Hybrid	6	3	13	
Others	6	4	9	
<b>Sheep</b>	<b>748</b>	<b>203</b>	<b>62</b>	
Local	310	84	24	
Friesian	381	101	30	
Hybrid	23	5	5	
Others	34	13	3	
<b>Goats</b>	<b>236</b>	<b>139</b>	<b>15</b>	
Local	151	98	11	
Shami	61	27	2	
Hybrid	16	6	1	
Others	8	8	1	

جدول 82: عدد الحيازات الزراعية في محافظة شمال غزة التي تربي أبقار حسب العمر والسلالة، 2010/2009

**Table 82: Number of Agricultural Holdings in North Gaza Governorate which Raising Cattles by Age and Strain, 2009/2010**

Strain	Age			
	+ 2	2-1	Less Than 1 Year	
<b>Cattles</b>	<b>187</b>	<b>181</b>	<b>172</b>	
Local	102	87	79	
Friesian	73	74	71	
Hybrid	7	12	12	
Others	5	8	10	



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**Table 83: Number of Agricultural Holdings in North Gaza Governorate which Raising Sheep or Goats by Age and Strain, 2009/2010**

Strain	Age		
	+ 1	Less Than 1 Year	
<b>Sheep</b>	<b>509</b>	<b>409</b>	
Local	381	271	
Asaf	439	354	
Hybrid	27	24	
Others	43	31	
<b>Goats</b>	<b>362</b>	<b>210</b>	
Local	243	132	
Shami	82	54	
Hybrid	21	14	
Others	16	10	

جدول 84: عدد الحيازات الزراعية في محافظة شمال غزة التي تربي أبقار أو ضأن أو ماعز حسب نوع التربية والسلالة،  
2010/2009

**Table 84: Number of Agricultural Holdings in North Gaza Governorate which Raising Cattles, Sheep or Goats by Type of production System and Strain, 2009/2010**

Strain	Type of Production System			
	Not Stated	Semi-Nomadic	Ranching	
<b>Cattles</b>	-	<b>67</b>	<b>294</b>	
Local	-	36	147	
Friesian	-	27	110	
Hybrid	-	3	19	
Others	-	1	18	
<b>Sheep</b>	<b>1</b>	<b>392</b>	<b>620</b>	
Local	1	209	208	
Asaf	-	163	349	
Hybrid	-	9	24	
Others	-	11	39	
<b>Goats</b>	<b>1</b>	<b>184</b>	<b>205</b>	
Local	1	132	127	
Shami	-	37	53	
Hybrid	-	8	15	
Others	-	7	10	

جدول 85: عدد الحيازات الزراعية في محافظة شمال غزة التي تربي أبقار أو ضأن أو ماعز حسب الغرض الرئيسي للتربية والسلالة، 2010/2009

**Table 85: Number of Agricultural Holdings in North Gaza Governorate which Raising Cattles, Sheep or Goats by Main Purpose of Production and Strain, 2009/2010**

Strain	Main Purpose of Production	
	For Meat	For Milk
<b>Cattles</b>	<b>157</b>	<b>204</b>
Local	79	104
Friesian	49	88
Hybrid	14	8
Others	15	4
<b>Sheep</b>	<b>765</b>	<b>248</b>
Local	305	113
Asaf	402	110
Hybrid	20	13
Others	38	12
<b>Goats</b>	<b>253</b>	<b>137</b>
Local	168	92
Shami	56	34
Hybrid	16	7
Others	13	4

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**Table 86: Number of Cattles in North Gaza Governorate by Strain, Sex and Locality, As in 01/10/2010**

Locality	Total	Strain and Sex										
		Total		Others		Hybrid		Friesian		Local		
		Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	
<b>North Gaza Governorate</b>	<b>3,984</b>	<b>1,639</b>	<b>2,345</b>	<b>62</b>	<b>185</b>	<b>73</b>	<b>451</b>	<b>795</b>	<b>894</b>	<b>709</b>	<b>815</b>	
Um Al-Nnaser (Al Qaraya al Badawiya al Maslakh)	105	92	13	2	1	-	-	16	5	74	7	( )
Beit Lahiya	539	287	252	7	18	43	57	126	94	111	83	
Beit Hanun	435	91	344	2	2	1	215	32	87	56	40	
Jabalya Camp	2	-	2	-	-	-	1	-	-	-	1	
Jabalya	2,903	1,169	1,734	51	164	29	178	621	708	468	684	

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**Table 87: Number of Sheep in North Gaza Governorate by Strain, Sex and Locality, As in 01/10/2010**

Locality	Total	Strain and Sex									
		Total		Others		Hybrid		Asaf		Local	
		Females	Males	Females	Males	Females	Males	Females	Males	Females	Males
<b>North Gaza Governorate</b>	<b>18,806</b>	<b>13,502</b>	<b>5,304</b>	<b>418</b>	<b>155</b>	<b>360</b>	<b>194</b>	<b>4,651</b>	<b>2,387</b>	<b>8,073</b>	<b>2,568</b>
Um Al-Nnaser (Al Qaraya al Badawiya al Maslakh)	1,392	1,159	233	10	3	15	-	200	31	934	199
Beit Lahiya	4,012	2,948	1,064	46	16	42	10	1,519	567	1,341	471
Beit Hanun	3,450	2,902	548	196	44	98	24	919	231	1,689	249
Jabalya Camp	162	135	27	-	-	2	1	68	11	65	15
Jabalya	9,790	6,358	3,432	166	92	203	159	1,945	1,547	4,044	1,634

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**Table 88: Number of Goats in North Gaza Governorate by Strain, Sex and Locality, As in 01/10/2010**

Locality	Total	Strain and Sex										
		Total		Others		Hybrid		Shami		Local		
		Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	
<b>North Gaza Governorate</b>	<b>4,225</b>	<b>3,288</b>	<b>937</b>	<b>134</b>	<b>31</b>	<b>141</b>	<b>76</b>	<b>651</b>	<b>182</b>	<b>2,362</b>	<b>648</b>	
Um Al-Nnaser (Al Qaraya al Badawiya al Maslakh)	471	378	93	-	-	4	-	54	15	320	78	( )
Beit Lahiya	772	596	176	24	10	56	18	111	31	405	117	
Beit Hanun	455	371	84	28	3	11	5	45	11	287	65	
Jabalya Camp	23	20	3	-	-	-	-	1	-	19	3	
Jabalya	2,504	1,923	581	82	18	70	53	440	125	1,331	385	

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**Table 89: Number of Cattles in North Gaza Governorate by Age, Sex and Strain, As in 01/10/2010**

Strain	Total	Age and Sex						
		+ 2		2-1		Less Than 1 Year		
		Females	Males	Females	Males	Females	Males	
<b>Cattles</b>	<b>3,984</b>	<b>714</b>	<b>187</b>	<b>608</b>	<b>958</b>	<b>317</b>	<b>1,200</b>	
Local	1,524	279	62	290	342	140	411	
Friesian	1,689	386	54	298	303	111	537	
Hybrid	524	38	70	13	218	22	163	
Others	247	11	1	7	95	44	89	

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**Table 90: Number of Sheep and Goats in North Gaza Governorate by Age, Sex and Strain, As in 01/10/2010**

Strain	Total	العمر والجنس Age and Sex			
		+1		Less Than 1 Year	
		Females	Males	Females	Males
<b>Sheep</b>	<b>18,806</b>	<b>9,937</b>	<b>1,774</b>	<b>3,565</b>	<b>3,530</b>
Local	10,641	6,286	907	1,787	1,661
Asaf	7,038	3,105	718	1,546	1,669
Hybrid	554	278	89	82	105
Others	573	268	60	150	95
<b>Goats</b>	<b>4,225</b>	<b>2,651</b>	<b>331</b>	<b>637</b>	<b>606</b>
Local	3,010	1,954	244	408	404
Shami	833	497	61	154	121
Hybrid	217	102	16	39	60
Others	165	98	10	36	21



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**Table 91: Number of Cattles, Sheep and Goats in North Gaza Governorate by Main Purpose of Production and Strain, As in 01/10/2010**

Strain	Total	Main Purpose of Production	
		For Meat	For Milk
<b>Cattles</b>	<b>3,984</b>	<b>2,559</b>	<b>1,425</b>
Local	1,524	927	597
Friesian	1,689	956	733
Hybrid	524	455	69
Others	247	221	26
<b>Sheep</b>	<b>18,806</b>	<b>13,701</b>	<b>5,105</b>
Local	10,641	6,970	3,671
Asaf	7,038	5,952	1,086
Hybrid	554	345	209
Others	573	434	139
<b>Goats</b>	<b>4,225</b>	<b>2,583</b>	<b>1,642</b>
Local	3,010	1,896	1,114
Shami	833	427	406
Hybrid	217	141	76
Others	165	119	46

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**Table 92: Number of Agricultural Holdings in North Gaza Governorate which Raising Poultry by Area of Worked Barns and Type, 2009/2010**

Type	Total	Area of Worked Barns (²)			
		1000 - 2999	999 - 500	500 Less than 500	
Mothers of Broiler	6	-	-	6	
Broilers	210	4	24	182	
Layers	56	3	11	42	
Turkey Males	3	-	-	3	
Turkey Females	3	-	-	3	

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**Table 93: Number of Agricultural Holdings in North Gaza Governorate which Raising Poultry by Maximum Capacity of Barns and Type, 2009/2010**

Type	Total	Maximum Capacity of Barns					
		+ 7,000	6,999 - 4,000	3,999 -2,000	1,999 - 1,000	1,000 Less than 1,000	
Mothers of Broiler	<b>6</b>	-	-	2	2	2	
Broilers	<b>210</b>	12	29	70	63	36	
Layers	<b>56</b>	5	5	17	9	20	
Turkey Males	<b>3</b>	-	-	-	-	3	
Turkey Females	<b>3</b>	-	-	-	-	3	

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**Table 94: Number of Agricultural Holdings in North Gaza Governorate which Raising Poultry by Number of Poultry and Type, As in 01/10/2010**

Type	المجموع Total	Number of poultry					
		+ 7,000	6,999 - 4,000	3,999 -2,000	1,999 - 1,000	1000 Less than 1,000	
Mothers of Broiler	6	-	-	2	1	3	
Broilers	210	7	17	48	43	95	
Layers	56	4	4	12	2	34	
Turkey Males	3	-	-	-	-	3	
Turkey Females	3	-	-	-	-	3	

جدول 95: عدد الدواجن المرباة في محافظة شمال غزة حسب النوع والتجمع، كما هو في 2010/10/01

**Table 95: Number of Raised Poultry in North Gaza Governorate by Type and Locality, As in 01/10/2010**

Locality	Type				
	Turkeys	Layers	Broilers	Mothers of Broiler	
<b>North Gaza Governorate</b>	<b>130</b>	<b>106,064</b>	<b>351,105</b>	<b>7,290</b>	
Um Al-Nnaser (Al Qaraya al Badawiya al Maslakh)	-	-	-	-	)
Beit Lahiya	-	63,850	139,185	-	(
Beit Hanun	-	3,060	78,250	-	
Jabalya Camp	-	169	2,810	200	
Jabalya	130	38,985	130,860	7,090	

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**Table 96: Number of Raised Poultry Per Year, Area of Worked Barns and Average of Cycles Per Year in North Gaza Governorate by Type and Locality, 2009/2010**

Locality	نوع الدواجن									
	Turkey			Layers		Broilers			Broilers Mothers	
	Average of Cycles Per Year	Area of Worked Barns (m <sup>2</sup> )	Number	Area of Worked Barns (m <sup>2</sup> )	Number	Average of Cycles Per Year	Area of Worked Barns (m <sup>2</sup> )	Number	Area of Worked Barns (m <sup>2</sup> )	Number
<b>North Gaza Governorate</b>	<b>1</b>	<b>480.00</b>	<b>3,920</b>	<b>17,267</b>	<b>106,064</b>	<b>4</b>	<b>51,034</b>	<b>1,709,915</b>	<b>860.00</b>	<b>7,290</b>
Um Al-Nnaser (Al Qaraya al Badawiya al Maslakh)	-	-	-	-	-	-	-	-	-	-
Beit Lahiya	-	-	-	9,835	63,850	5	19,968	730,965	-	-
Beit Hanun	-	-	-	1,280	3,060	4	11,690	352,750	-	-
Jabalya Camp	-	-	-	122	169	4	1,350	25,000	50	200
Jabalya	1	480.00	3,920	6,030	38,985	4	18,026	601,200	810	7,090

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**Table 97: Number of Agricultural Holdings in North Gaza Governorate which Raising Poultry by Average Cycles Per Year and Type, 2009/2010**

Type	Average Cycles Per Year and Type							
		+ 6	5	4	3	2	1	
Broilers	<b>210</b>	65	23	49	30	25	18	
Male Turkey	<b>3</b>	:	:	:	:	-	3	
Female Turkey	<b>3</b>	:	:	:	:	-	3	

(:): Not applicabel

:(:)

جدول 98: عدد الحيازات الزراعية في محافظة شمال غزة التي تربي دواجن حسب إجمالي عدد الطيور المرباة في السنة والنوع، 2010/2009  
**Table 98: Number of Agricultural Holdings in North Gaza Governorate which Raising Poultry by Total Number of Raising Poultry Per Year and Type, 2009/2010**

Type	Total	Total Number of Raising Poultry Per Year					
		+ 7,000	6,999 - 4,000	3,999 -2,000	1,999 - 1,000	1,000 Less than 1,000	
Mothers of Broiler	6	-	-	2	1	3	
Broiler	210	83	45	35	25	22	
Layers	56	4	4	12	2	34	
Turkey Males	3	-	-	-	-	3	
Turkey Females	3	-	-	1	-	2	



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**Table 99: Number of Poultry in North Gaza Governorate by Maximum Capacity of Barns and Type, 2009/2010**

Type	Total	Maximum Capacity of Barns					
		+ 7,000	6,999 - 4,000	3,999 - 2,000	1,999 - 1,000	1,000 Less than 1,000	
Mothers of Broiler	<b>7,290</b>	-	-	6,000	1,060	230	
Broilers	<b>1,709,915</b>	396,000	462,400	559,275	225,890	66,350	
Layers	<b>106,064</b>	47,500	16,750	34,260	4,385	3,169	
Turkey Males	<b>1,060</b>	-	-	-	-	1,060	
Turkey Females	<b>2,860</b>	-	-	-	-	2,860	

2010/2009

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**Table 100: Number of Poultry in North Gaza Governorate by Area of Worked Barns and Type, 2009/2010**

Type	Total	Area of Worked Barns (m <sup>2</sup> ) (°)		
		2,999 - 1,000	999 - 500	500 Less than 500
Mothers of Broiler	7,290	-	-	7,290
Broilers	1,709,915	160,000	513,100	1,036,815
Layers	106,064	34,500	37,350	34,214
Turkey Males	1,060	-	-	1,060
Turkey Females	2,860	-	-	2,860

2010/2009

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**Table 101: Number of Poultry in North Gaza Governorate by Average Cycles Per Year and Type, 2009/2010**

Type	Average Cycles Per Year and Type							
	Total	+ 6	5	4	3	2	1	
Broilers	<b>1,709,915</b>	850,950	243,250	369,010	151,330	56,300	39,075	
Male Turkey	<b>1,060</b>	:	:	:	-	-	1,060	
Female Turkey	<b>2,860</b>	:	:	:	-	-	2,860	

2010/10/01

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**Table 102: Number of Domestic Poultry in North Gaza Governorate by Type and Locality, As in 01/10/2010**

Locality	Type					
	Others	Rabbits	Turkeys	Pigeons	Chickens	
<b>North Gaza Governorate</b>	<b>10,144</b>	<b>11,770</b>	<b>1,457</b>	<b>22,195</b>	<b>24,574</b>	
Um Al-Nnaser (Al Qaraya al Badawiya al Maslakh)	30	161	2	302	1,021	)
Beit Lahiya	3,279	3,500	277	6,587	6,954	(
Beit Hanun	720	1,791	109	2,867	4,341	
Jabalya Camp	290	1,741	64	1,985	1,221	
Jabalya	5,825	4,577	1,005	10,454	11,037	

2010/10/01

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**Table 103: Number of Equines in North Gaza Governorate by Type and Locality, As in 01/10/2010**

Locality	Type			
	Donkeys	Mules	Horses	
<b>North Gaza Governorate</b>	<b>1,053</b>	<b>29</b>	<b>400</b>	
Um Al-Nnaser (Al Qaraya al Badawiya al Maslakh)	142	1	18	)
Beit Lahiya	350	4	82	(
Beit Hanun	135	7	79	
Jabalya Camp	7	-	25	
Jabalya	419	17	196	

جدول 104: عدد خلايا النحل في محافظة شمال غزة حسب النوع والتجمع، 2010/2009

Table 104: Number of Beehives in North Gaza Governorate by Type and Locality, 2009/2010

Locality	Total	Number of Beehives		
		Modern Beehives	خلايا تقليدية Traditional Beehives	
<b>North Gaza Governorate</b>	<b>2,937</b>	<b>2,889</b>	<b>48</b>	
Um Al-Nnaser (Al Qaraya al Badawiya al Maslakh)	-	-	-	)
Beit Lahiya	973	949	24	(
Beit Hanun	1,275	1,275	-	
Jabalya Camp	75	75	-	
Jabalya	614	590	24	

جدول 105: عدد الحيازات الزراعية في محافظة شمال غزة حسب نوع الحيازة ونوع العمالة الزراعية المستخدمة، 2010/2009

**Table 105: Number of Agricultural Holdings in North Gaza Governorate by Type of Agricultural Holdings and Type of Agricultural Employees, 2009/2010**

Type of Employee	المجموع Total	Type of Holding			نوع العمالة
		مختلطة Mixed	حيوانية Animal	نباتية Plant	
Unpaid Permanent Family Members	3,635	559	1,034	2,042	من افراد الاسرة دائمين بدون اجر
Unpaid Temporary Family Members	831	137	107	587	من افراد الاسرة مؤقتين بدون اجر
Permanent Wage Employees	408	72	41	295	عمال دائمين بأجر
Temporary Wage Employees	2,256	446	92	1,718	عمال مؤقتين بأجر

جدول 106: عدد الحيازات الزراعية في محافظة شمال غزة التي فيها عمال دائمين بأجر حسب نوع الحيازة وعدد العمال الدائمين بأجر،  
2010/2009

**Table 106: Number of Agricultural Holdings in North Gaza Governorate which have Permanent Wage Employees by Type of Agricultural Holding and Number of Paid Permanent Employees, 2009/2010**

Number of Permanent Wage Employees	المجموع Total	نوع الحيازة Type of Holding			عدد العمال الدائمين بأجر
		مختلطة Mixed	حيوانية Animal	نباتية Plant	
1	179	34	20	125	1
2	85	19	9	57	2
3	70	10	4	56	3
4	33	2	2	29	4
5	15	2	1	12	5
6 +	26	5	5	16	+ 6
<b>Total</b>	<b>408</b>	<b>72</b>	<b>41</b>	<b>295</b>	<b>المجموع</b>
<b>Average Number of Permanent Wage Employees in Agricultural Holding</b>	<b>2.50</b>	<b>2.53</b>	<b>2.51</b>	<b>2.50</b>	



جدول 107: عدد العمال الزراعيين الدائمين بأجر في الحيازات الزراعية في محافظة شمال غزة حسب نوع الحيازة والجنس والتجمع، 2010/2009

**Table 107: Number of Permanent Wage Employees in Agricultural Holdings in North Gaza Governorate by Type of Agricultural Holding, Sex and Locality, 2009/2010**

Locality	المجموع Total		نوع الحيازة Type of Holding						التجمع
			مختلطة Mixed		حيوانية Animal		نباتية Plant		
	إناث Females	ذكور Males	إناث Females	ذكور Males	إناث Females	ذكور Males	إناث Females	ذكور Males	
<b>North Gaza Governorate</b>	<b>37</b>	<b>974</b>	<b>4</b>	<b>202</b>	<b>11</b>	<b>90</b>	<b>22</b>	<b>682</b>	
Um Al-Nnaser (Al Qaraya al Badawiya al Maslakh)	1	15	-	-	1	-	-	15	)
Beit Lahiya	15	470	1	82	3	22	11	366	(
Beit Hanun	9	120	2	35	-	1	7	84	
Jabalya Camp	-	5	-	3	-	-	-	2	
Jabalya	12	364	1	82	7	67	4	215	

جدول 108: عدد العمال الزراعيين الدائمين من أفراد الأسرة بدون أجر في الحيازات الزراعية في محافظة شمال غزة حسب نوع الحيازة والجنس والتجمع، 2010/2009

**Table 108: Number of Unpaid Family Member in Agricultural Holdings in North Gaza Governorate by Type of Agricultural Holding, Sex and Locality, 2009/2010**

Locality	المجموع Total		نوع الحيازة Type of Holding						التجمع
			Mixed مختلطة		Animal حيوانية		Plant نباتية		
	إناث Females	ذكور Males	إناث Females	ذكور Males	إناث Females	ذكور Males	إناث Females	ذكور Males	
<b>North Gaza Governorate</b>	<b>1,091</b>	<b>6,697</b>	<b>227</b>	<b>1,157</b>	<b>354</b>	<b>1,626</b>	<b>510</b>	<b>3,914</b>	
Um Al-Nnaser (Al Qaraya al Badawiya al Maslakh)	78	266	12	47	66	159	-	60	)
Beit Lahiya	513	2,393	104	395	89	407	320	1,591	(
Beit Hanun	222	1,423	44	256	102	302	76	865	
Jabalya Camp	13	122	3	29	9	72	1	21	
Jabalya	265	2,493	64	430	88	686	113	1,377	

جدول 109: عدد العمال الزراعيين المؤقتين من أفراد الأسرة بدون أجر في الحيازات الزراعية في محافظة شمال غزة حسب نوع الحيازة والجنس والتجمع، 2010/2009

**Table 109: Number of Temporary Unpaid Family Member in Agricultural Holdings in North Gaza Governorate by Type of Agricultural Holding, Sex and Locality, 2009/2010**

Locality	المجموع Total		نوع الحيازة Type of Holding						التجمع
			Mixed		Animal		Plant		
	إناث Females	ذكور Males	إناث Females	ذكور Males	إناث Females	ذكور Males	إناث Females	ذكور Males	
<b>North Gaza Governorate</b>	<b>302</b>	<b>1,532</b>	<b>53</b>	<b>269</b>	<b>26</b>	<b>130</b>	<b>223</b>	<b>1,133</b>	
Um Al-Nnaser (Al Qaraya al Badawiya al Maslakh)	-	20	-	10	-	4	-	6	) (
Beit Lahiya	174	688	23	119	20	41	131	528	
Beit Hanun	77	429	20	80	-	38	57	311	
Jabalya Camp	9	18	2	7	2	4	5	7	
Jabalya	42	377	8	53	4	43	30	281	

جدول 110: عدد العمال الزراعيين في الحيازات الزراعية في محافظة شمال غزة حسب نوع العمالة والجنس والفئة العمرية، 2010/2009

Table 110: Number of Agricultural Employees in Agricultural Holdings in North Gaza Governorate by Type of Employee, Sex and Age Group, 2009/2010

Age Group	المجموع Total	المجموع Total		عمال دائمين بأجر Permanent Wage Employees		من أفراد الأسرة بدون اجر Unpaid Family Members				الفئة العمرية
		إناث Females	ذكور Males	إناث Females	ذكور Males	Temporary Employee	عمال مؤقتين	Permanent Employee	عمال دائمين	
						إناث Females	ذكور Males	إناث Females	ذكور Males	
Less than 10 years	130	30	100	3	5	20	42	7	53	10
10 - 14	499	70	429	-	10	34	153	36	266	14 - 10
15 - 17	1,059	111	948	1	54	25	194	85	700	17 - 15
18 - 29	4,213	359	3,854	19	609	100	752	240	2,493	29 - 18
30 - 59	3,993	725	3,268	10	275	101	334	614	2,659	59 - 30
60 +	739	135	604	4	21	22	57	109	526	+ 60
<b>Total</b>	<b>10,633</b>	<b>1,430</b>	<b>9,203</b>	<b>37</b>	<b>974</b>	<b>302</b>	<b>1,532</b>	<b>1,091</b>	<b>6,697</b>	<b>المجموع</b>

جدول 111: عدد الحيازات الزراعية التي تستخدم الآلات والمعدات الزراعية في محافظة شمال غزة حسب مصدر ونوع الآلة، 2010/2009

**Table 111: Number of Agricultural Holdings which Using Machines and Equipments in North Gaza Governorate by Source and Type of Machine and Equipment, 2009/2010**

Type of Machine and Equipment	Source and Type of Machine						نوع الآلات والمعدات
	غير مبين Not Stated	استلاف Borrowed	مستاجرة من الحكومة Rented from the government	مستاجرة من جمعية تعاونية Rented from society	مستاجرة من افراد Rented from others	مملوكة Owned	
Four-Wheel Tractor	-	2	1	8	1,589	54	
Track-Laying Tractor	-	-	-	-	-	1	
Cultivator	-	-	-	-	17	-	( )
Plough	2	2	-	1	381	21	
Rotary Tiller	8	15	1	13	1,314	59	
Plastic Spreader	-	-	-	-	1	-	
Spike -Tooth Harrow	-	1	-	-	24	5	
Leveling Box	-	-	-	-	1	-	( )
Turbine	-	1	-	-	106	2	( )
Grain Drill	-	-	-	-	6	2	
Mold Broad Plough	-	-	-	-	1	-	
Seeder	-	-	-	-	3	-	
Potatoes Planter	-	-	-	-	3	-	( )
Sprayer	-	31	-	2	313	139	( )
Thresher	-	-	-	-	10	1	( )
Reaper-binder	-	-	-	-	20	-	
Combine	-	-	-	-	1	-	
Miller	-	-	-	-	-	3	( )
Trailer	-	-	-	-	1	2	
Potatoes Digger	-	-	-	-	1	-	
Milking Machine	-	-	-	-	2	27	
Honey Extractor	-	-	-	-	1	2	

جدول 112: عدد الحيازات الزراعية التي تستخدم الآلات والمعدات الزراعية في محافظة شمال غزة حسب نوع الحيازة الزراعية ونوع الآلة، 2010/2009

**Table 112: Number of Agricultural Holdings which Using Machines and Equipments in the Deir Al- Balah Governorate by Type of Agricultural Holdings and Type of Machine and Equipment, 2009/2010**

Type of Machine and Equipment	Type of Holding			نوع الآلات والمعدات
	مختلطة Mixed	حيوانية Animal	نباتية Plant	
Four-Wheel Tractor	349	6	1,299	
Track-Laying Tractor	1	-	-	
Cultivator	4	-	13	( )
Plough	92	-	315	
Rotary Tiller	295	-	1,115	
Plastic Spreader	-	-	1	
Spike -Tooth Harrow	8	-	22	
Leveling Box	1	-	-	( )
Turbine	23	-	86	( )
Grain Drill	-	2	6	
Mold Broad Plough	1	-	-	
Seeder	-	-	3	
Potatoes Planter	2	-	1	( )
Sprayer	125	2	358	( )
Thresher	5	2	4	( )
Reaper-binder	9	-	11	
Combine	1	-	-	
Miller	1	2	-	( )
Trailer	2	1	-	
Potatoes Digger	1	-	-	
Milking Machine	17	12	-	
Honey Extractor	1	2	-	

جدول 113: عدد ومساحة الحيازات الزراعية التي تعيق الاجراءات الاسرائيلية استغلالها في محافظة شمال غزة حسب نوع الحيازة،  
2010/2009

**Table 113: Number and Area of Agricultural Holdings that are Constrained by Israeli Measurs in North Gaza Governorate by Type of Holding, 2009/2010**

Type of Holding	Area	Number	
Plant	1,247.79	82	
Animal	2.40	4	
Mixed	95.04	7	
<b>Total</b>	<b>1,345.23</b>	<b>93</b>	

2010/2009

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**Table 114: Selected Agricultural Indicators in North Gaza Governorate by Type of Holding, 2009/2010**

Indicator	Total	Type of Holding		
		Mixed	Animal	Plant
Number of the holdings which have hatchery	33	19	14	-
Number of the holdings which have fishery	37	12	4	21
Number of the holdings which the income from it is composed the main income of the Household	1,523	291	430	802
Number of the holdings which benefit from the reclamation project or opening a street or any other projects	834	131	89	614
Number of Male Camels	57	11	46	:
Number of Female Camels	87	29	58	:

(:): Not applicabel

(:):





# **Palestinian National Authority**

**Palestinian Central Bureau of  
Statistics**

**Ministry of Agriculture**

**Agricultural Census - 2010**



**Final Results – North Gaza Governorate**

**March, 2012**

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## Important Remarks

**Based on the definition of ‘agricultural holding’ used in the collection of data for the agricultural census, the following remarks should be taken into consideration:**

1. Data were not collected for cultivated areas where the total surface area was less than one dunum for open cultivated areas, or less than half a dunum for protected cultivated areas.
2. Areas that had not been cultivated or serviced (by plowing, pruning, spraying, etc., for five years or more) were not calculated as part of the total area of cultivated land.
3. Data were not collected for any livestock that did not meet the conditions for a livestock holding: The holder should have any number of cattle or camels, at least five head of sheep, goats, or pigs, at least 50 poultry birds (layers and broilers), or 50 rabbits, or other poultry like turkeys, ducks, fer, or a mixture of them, or at least three beehives controlled by the holder.
4. The area of cultivated land differs from the total area cultivated with tree horticulture, vegetables, and field crops according to the pattern of agriculture at governorate level in terms of permanent and temporary crops so that:
  - The cultivated land area could be greater than the total area cultivated with tree horticulture, vegetables, and field crops according to the scattered cultivation of permanent crops, concentrated according to the standard area for each type of tree.
  - The cultivated land area could be less than the total area cultivated with tree horticulture, vegetables, and field crops according to repeated cultivation in parcels on the basis of seasonal cultivation.
5. Some tables that are dealing with the numbers of holdings, have unheeded totals due to the probability of frequency of the same holding for more than one time in the same table due to the distribution of the holdings by various variables
6. Symbols Used in Tables: (-): Nill  
(:): Not Applicable









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## **Introduction**

Modern and accurate statistics are essential to establish national policies at all levels. Accordingly, the PCBS has striven since its establishment to collect and disseminate official statistics which meet international standards and concepts and are in accordance with Palestinian national requirements. In this regard, PCBS has conducted population, social and economic surveys, plus two censuses on population, housing and establishments in 1997 and 2007, in addition to developing various administrative records. In order to provide comprehensive statistics in all domains, PCBS launched the first census on agriculture in 2010 in the Palestinian Territory in cooperation with the Ministry of Agriculture and the Union of Agricultural Work Committees.

The PCBS mandate is to develop and maintain the Palestinian National Statistics System based on professional principles and responsive to the needs of users, and capable of providing accurate, neutral, comprehensive and high quality official statistics which meet international standards in all areas. This should improve the capacity building of Palestinian national establishments in economic, social and environmental development and enhance the establishment of better developmental policies. The provision of statistical data will assist in planning at every level, in addition to developing and unifying standards and concepts of economic, social, population and geographic domains.

From the initial planning phase of the agriculture census, PCBS has sought full coordination and consultation with stakeholders to identify needs in agriculture-related statistics necessary for the development of this sector, and also to mobilize all partners to participate in the implementation of this first-ever census. Activities included bilateral consultation meetings, seminars, and workshops with public and private sectors and civil society institutions to ensure that the output of the agriculture census reflects national priorities and is comparable internationally.

We are pleased to release this Report which contains the final results of the agriculture census 2010 in North Gaza Governorate, which consists of three chapters arranged in a manner that displays the results easily. It also provides the data user with comprehensive documentation of the agriculture census implementation procedures.

The first chapter displays the main results of the census. The second chapter displays the census methodology followed in the planning and conducting of the census, including the census questionnaire and its contents: it also documents the field work including the training, data collection and processing, plus evaluation of the quality of the statistical data collected. The third chapter describes the concepts and definitions adopted in the census. It is hoped that this census will provide the data necessary to build and develop the agricultural sector and to assist policy and decision makers in the process of national development.

**March, 2012**

**Ola Awad  
President of PCBS**



## Chapter One

### Main Results

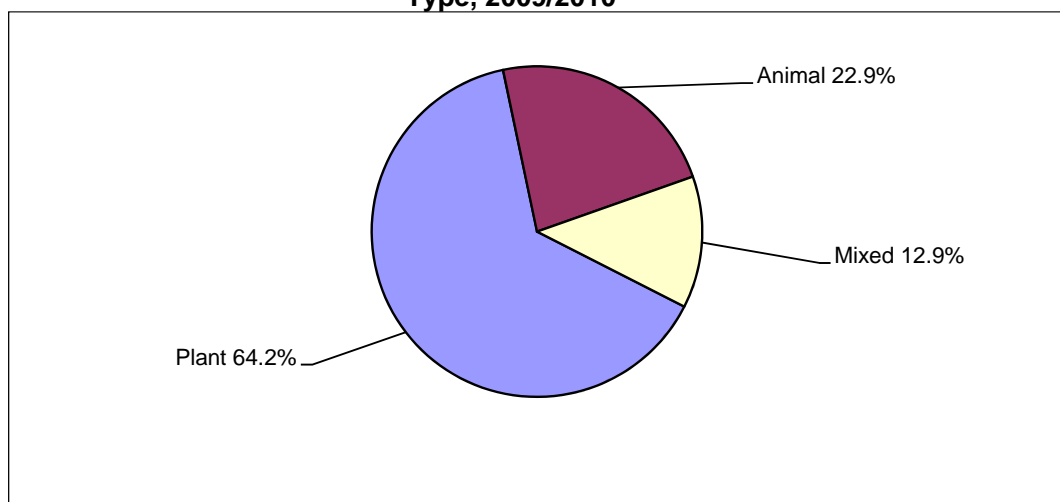
The final results of the Agricultural Census 2010 include the number of agricultural holdings, classified according to the type of holding (plant, animal, or mixed); the area of cultivated land during the agricultural year 2009/2010 from the first of October 2009 to 30 September 2010; the number of domestic livestock (cows, goats, sheep, poultry farms, domestic poultry and other kinds of animals as on the enumeration day of the first of October 2010; the agricultural labor force and its distribution according to sex and age; the number of agricultural machinery and equipment; and agricultural applications.

#### 1.1 Agricultural Holdings

The results indicated that during the agricultural year 2009/2010 there were 4,807 agricultural holdings in North Gaza Governorate. The most common type of agricultural holding was plant holdings: there were 3,085 plant holdings, equivalent to 64.2% of all agricultural holdings in North Gaza Governorate.

The results indicated that during the agricultural year 2009/2010 there were 1,101 animal holdings, equivalent to 22.9% of all agricultural holdings in North Gaza Governorate. Data indicated that during the agricultural year 2009/2010 there were 621 mixed holdings, equivalent to 12.9% of all agricultural holdings in North Gaza Governorate.

**Percentage Distribution of Agricultural Holdings in North Gaza Governorate by Type, 2009/2010**

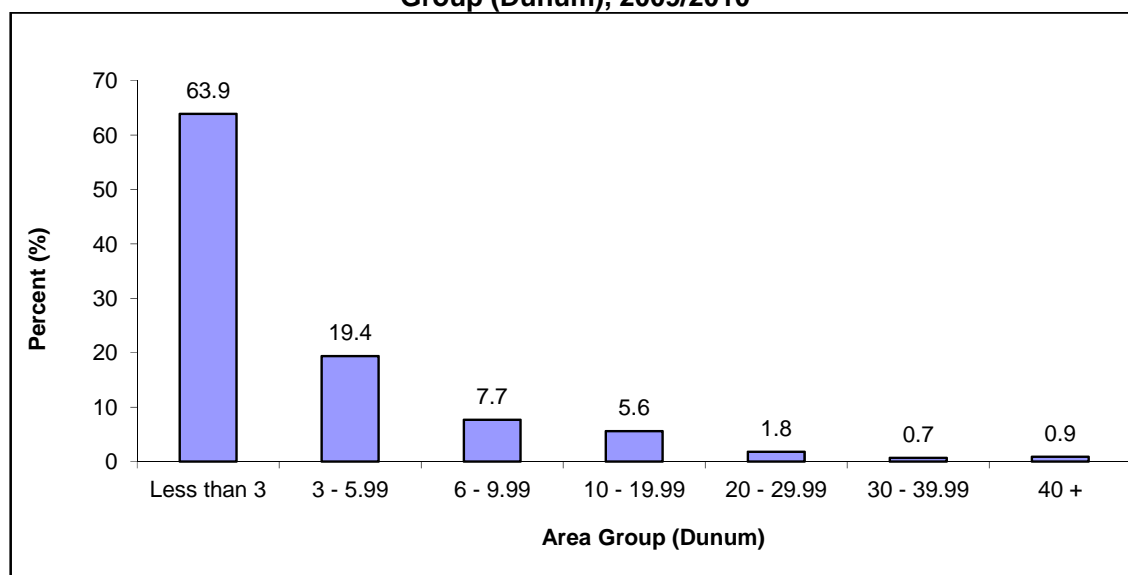


Most agricultural holdings in North Gaza Governorate 4,352 holdings (90.5%) were held legally by an individual holder, 284 holdings (5.9%) were held by a household, and 170 holdings (3.6%) were held by a Partnership. The majority of agricultural holdings in North Gaza Governorate are managed by the holder: 3,779 holdings (78.6%). Household members manage 930 holdings (19.4%) while holdings managed by a hired manager made up 83 holdings (1.7%) and 15 holdings (0.3%) was not stated.

The main purpose of production of the agricultural holdings in North Gaza Governorate 2,976 holdings (61.9%) was mainly for sale during the agricultural year 2009/2010.

According to area of land, 63.9% of agricultural holdings in North Gaza Governorate (3,071 holdings) were classified as small (less than 3 dunums); 933 holdings (19.4%) were between three to 5.99 dunums in size; 368 holdings (7.7%) were between six and 9.99 dunums in size and 270 holdings (5.6%) were between ten to 19.99 dunums in size. The average size of the agricultural holding in North Gaza Governorate was 4.3 dunums. The average size of the Plant holding was 5.4 dunums, 0.3 dunums for animal holdings and 5.9 dunums for mixed holdings.

#### Percentage Distribution of Agricultural Holdings in North Gaza Governorate by Area Group (Dunum), 2009/2010

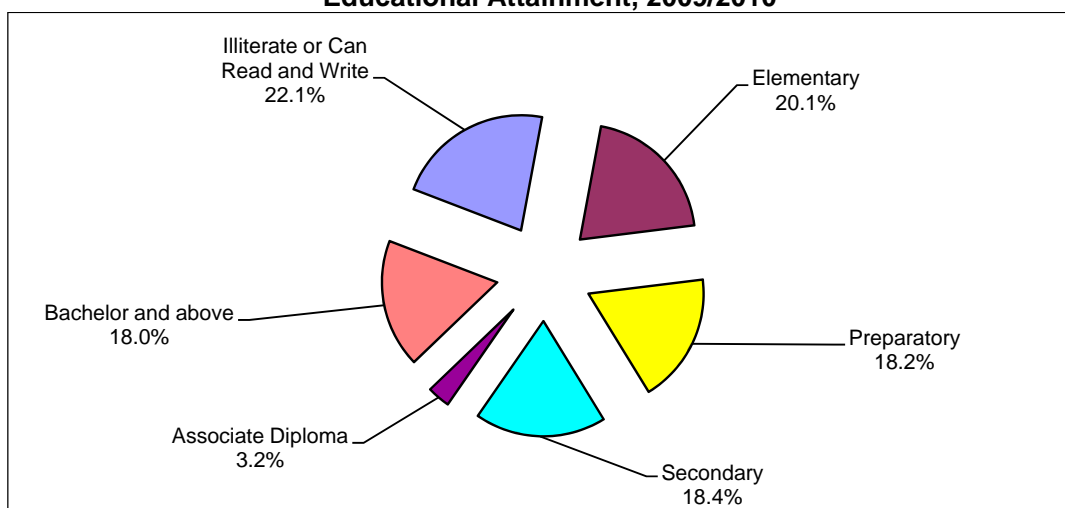


The results indicated that 4,010 of agricultural holdings in North Gaza Governorate are owned by the agricultural holders (83.4%), while 442 (9.2%) of agricultural holdings are rented or cultivated in return for a share of the production of the holding. Males hold 4,332 (90.1%) of the agricultural holdings in North Gaza Governorate while females hold 309 holdings (6.4%) and 165 agricultural holdings (3.5%) were held in partnership (male partnership, female partnership, or male/female partnership) and one holding was not applicable.

#### 1.2 Agricultural Holder

There were 4,628 agricultural holders in North Gaza Governorate: 1,299 holders (28.1%) aged 40–49 years, 1,041 holders (22.5%) aged 50–59 years, and 1,083 holders (23.4%) aged 60 years or more. For 3,064 holders (66.2%) their main occupation was not in agriculture while for 1,538 holders (33.2%) agriculture was their main occupation and 26 agricultural holders (0.6%) the main occupation of the holder was not stated or not applicable. In terms of educational attainment, 842 of agricultural holders (18.2%) had completed preparatory level of education, 850 of agricultural holders (18.4%) had completed Secondary level of education and 832 of holders (18.0%) had bachelor's degree or higher.

### Percentage Distribution of Agricultural Holders in North Gaza Governorate by Educational Attainment, 2009/2010



### 1.3 Land Use

The total area of agricultural holdings in North Gaza Governorate for the 2009/2010 agricultural year was 20,524 dunums. Cultivated land made up 19,091 dunums (93.0%) of the total area of agricultural holdings in North Gaza Governorate, the largest area of cultivated land were in Beit Lahiya locality with 7,881 dunums (41.3%). Uncultivated land made up 1,432 dunums (7.0%) of the total area of agricultural holdings in North Gaza Governorate. the largest area of uncultivated land were in Jabalya locality with 731 dunums (51.1%).

The cultivated land in North Gaza Governorate as in 01/10/2010 was 19,091 dunums. Cultivated land was distributed as 67.0% cultivated land area (temporary and permanent crops) and temporary fallow land making up 32.8%. The area with the most cultivated land area was in Beit Lahiya locality with 6,763 dunums (52.9%). Permanent meadows and pastures made up 63.7% of all uncultivated agricultural holdings in North Gaza Governorate, buildings on holdings accounted for 32.6%, and roads, passages, pools, unroofed barns and wasteland areas accounted for 3.7% of the area of uncultivated agricultural holdings in North Gaza Governorate.

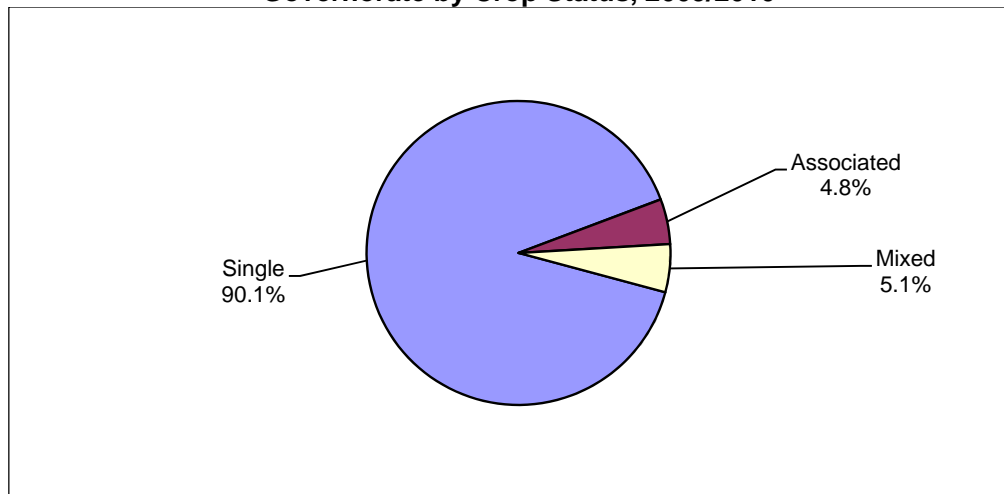
### 1.4 Crops

#### 1. Field crops:

Areas cultivated with field crops totaled 2,380 dunums in North Gaza Governorate during the 2009/2010 agricultural year: Rainfed field crops made up 1,032 dunums (54.7%) while irrigated field crops totaled 1,078 dunums (45.3%). The area with the most cultivated crops was Beit Lahiya locality with 877 dunums (36.8%).

The area of land cultivated with field crops in winter in North Gaza Governorate was 2,040 dunums while the area cultivated with field crops in summer was 340 dunums. Single crops made up 2,145 dunums, associated crops made up 114 dunums and mixed crops made up 121 dunums. Harvested field crops accounted for 2,250 dunums: 94.5% of all field crops in North Gaza Governorate.

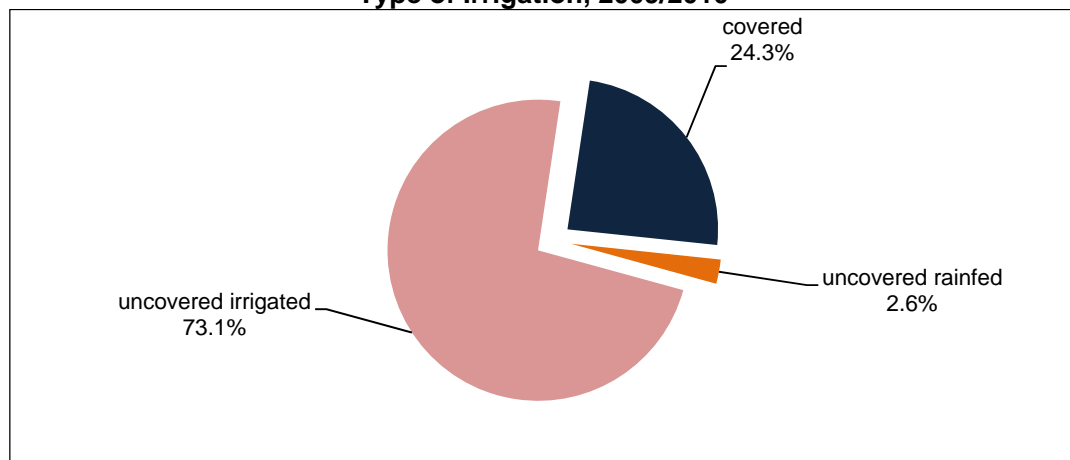
**Percentage Distribution of the Cultivated Field Crops in North Gaza Governorate by Crop Status, 2009/2010**



## 2. Vegetable crops:

The area of land cultivated with vegetable crops was 6,652 dunums in North Gaza Governorate during the 2009/2010 agricultural year: Uncovered rainfed vegetable crops were planted on 171 dunums (2.6%), uncovered irrigated vegetable crops on 4,862 dunums (73.1%), in addition to 1,619 dunums (24.3%) of covered vegetable crops. The area with the most cultivated crops was Beit Lahiya locality with 5,959 dunums (89.6%).

**Percentage Distribution of Vegetable Crops in North Gaza Governorate by Type of Irrigation, 2009/2010**



The area of land cultivated with vegetable crops in North Gaza Governorate was 3,445 dunums in winter; 930 dunums in spring; 1,746 dunums in summer; and 531 dunums in autumn. The area of land planted with single vegetable crops was 6,097 dunums; associated crops totaled 99 dunums; mixed crops were 456 dunums. The area of harvested vegetable crops in North Gaza Governorate was 6,136 dunums: 92.2% of all cultivated vegetable crops.

## 3. Horticultural crops:

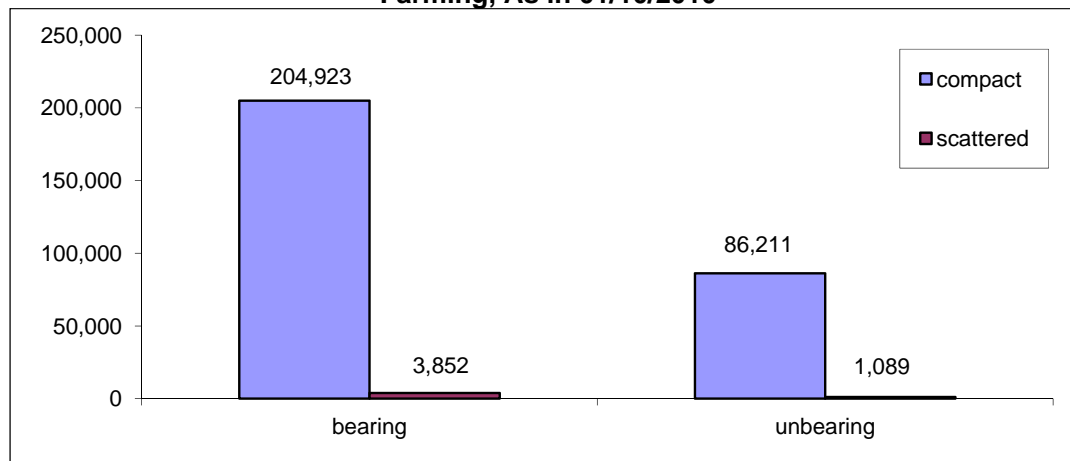
The area of land cultivated with horticultural crops was 6,346 dunums in North Gaza Governorate. The percentage area of bearing trees was 71.1% with 28.9% of non-bearing



trees. Olive trees made up 27.1% of the total area of horticultural trees in North Gaza Governorate. Irrigated horticultural trees accounted for 97.5% of the total area of horticultural trees in North Gaza Governorate. The results indicated that the percentage area of compact farming in North Gaza Governorate was 95.2% with 4.8% of scattered farming. Also, 68.3% are single crops, 4.1% associated crops and 27.6% mixed crops.

There were about 296,075 horticultural trees in North Gaza Governorate: 208,775 bearing trees and 87,300 non-bearing trees; 292,148 irrigated trees; 3,927 rainfed horticultural trees.

**Number of Bearing and Unbearing Trees in North Gaza Governorate by Type of Farming, As in 01/10/2010**



## 1.5 Livestock

### 1. Cows:

There were 3,984 cows raised in North Gaza Governorate: 2,345 males and 1,639 females. The breeds of cows in North Gaza Governorate were 38.3% local cows; 42.4% Holstein-Friesian cows; 13.1% hybrid cows and 6.2% other cows. Cows bred primarily for milk made up 35.8%, with 64.2% bred for meat. Jabalya locality raised the most cows (72.9%) in North Gaza Governorate on the enumeration day, the first of October 2010.

### 2. Sheep:

There were 18,806 sheep raised in North Gaza Governorate: 5,304 males and 13,502 females. The breeds of sheep in North Gaza Governorate were 56.6% local (Awassi) sheep; 37.4% (Assaf) sheep; 2.9% hybrid sheep; and 3.1% other. The percentage of sheep raised primarily for milk was 27.1%, with 72.9% raised primarily for meat. Jabalya locality raised the most sheep (52.1%) in North Gaza Governorate, on the enumeration day, the first of October 2010.

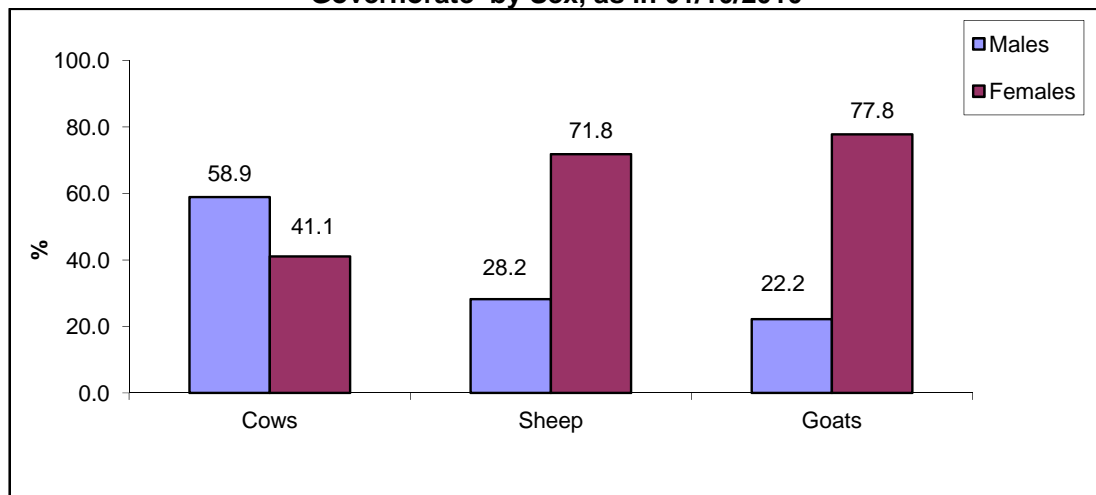
### 3. Goats:

There were 4,225 goats raised in North Gaza Governorate: 937 males and 3,288 females. The breeds of goats in North Gaza Governorate were 71.3% local goats; 19.7% Shami (Syrian) goats; 5.1% hybrid goats; and 3.9% other. The percentage of goats raised primarily for milk was 38.9% with 61.1% for meat. Jabalya locality raised the most goats (59.3%) in North Gaza Governorate on the enumeration day, the first of October 2010.

#### 4. Camels:

There were 144 camels raised in North Gaza Governorate: 57 males and 87 females on the enumeration day, the first of October 2010.

**Percentage Distribution of Cows, Goats and Sheep in North Gaza Governorate by Sex, as in 01/10/2010**



#### 1.6 Poultry Farming

There were 351.1 thousand broilers, 106.1 thousand layers, 7.3 thousand birds mother of broilers and 130 turkey birds, on the enumeration day, the first of October 2010. In the 2009/2010 agricultural year, there were 1,709.9 thousand poultry of broilers and 3,920 turkey birds, of which 1,060 were males and 2,860 females. The area size of poultry barns in North Gaza Governorate totaled 69.6 thousand m<sup>2</sup>.

#### 1.7 Domestic Poultry

There were 24.6 thousand domestic poultry birds in North Gaza Governorate; 22.2 thousand pigeons; 1.5 thousand birds of domestic turkeys; 11.8 thousand rabbits; and 10.1 thousand other domestic birds on the enumeration day, the first of October 2010.

#### 1.8 Bees

There were 2,937 beehives in North Gaza Governorate of which 2,889 were modern beehives (98.4%) and 48 traditional beehives (1.6%) on the enumeration day, the first of October 2010.

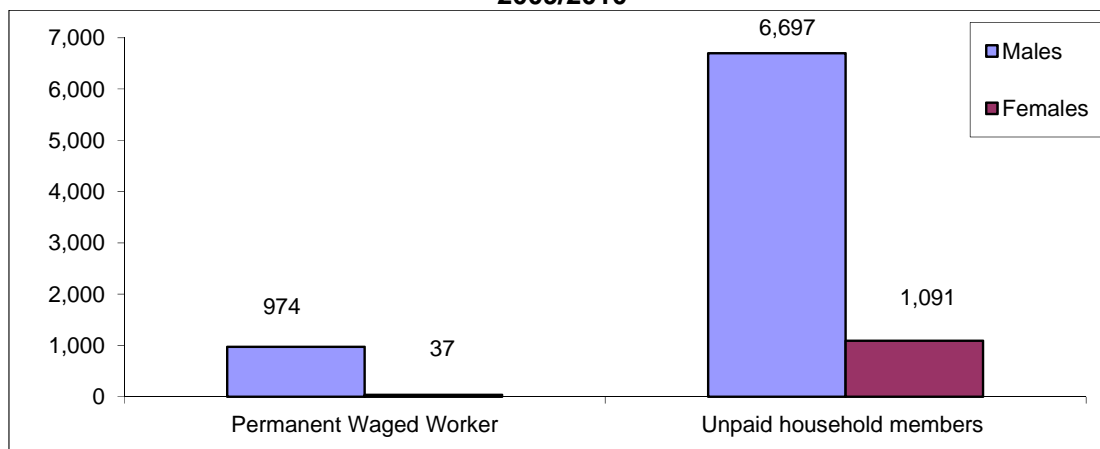
#### 1.9 Other Animals (Equines)

The number of equines animals on agricultural holdings in North Gaza Governorate was 400 horses, 29 mules and 1,053 donkeys on the enumeration day, the first of October 2010.

#### 1.10 Agricultural Labor Force

The results indicated that 408 agricultural holdings in North Gaza Governorate hired permanent waged workers, of which 179 holdings hired one permanent waged worker, 203 holdings hired two to five permanent waged workers, and 26 holdings hired six permanent waged workers or more. The results also indicated that 62.1% of permanent waged workers on agricultural holdings were aged between 18-29 years and 96.3% of permanent waged workers were males.

**Number of Permanent Waged and Unpaid Workers in North Gaza Governorate by Sex, 2009/2010**



There were 2,256 agricultural holdings in North Gaza Governorate which hired temporary waged workers, of which 76.1% were plant holdings, 4.1% animal holdings and 19.8% mixed holdings.

**1.11 Agricultural Applications**

The results indicated that 70.4% of all plant and mixed holdings in North Gaza Governorate used organic fertilizers; 67.1% used chemical fertilizers; 69.3% used agricultural pesticides; 33.2% used improved agricultural assets, and 36.9% used integrated pest management. The results indicated that 89.2% of animal and mixed holdings vaccinated animals against Epidemiological Diseases.

The results indicated that 7.5% of plant and mixed holdings received governmental agricultural services; 11.1% of animal and mixed holdings received veterinary services; 0.6% of agricultural holdings received agricultural and veterinary services; and 89.2% did not receive services.

The results indicated that 23.2% of agricultural holdings in North Gaza Governorate did not receive agricultural extension; 4.7% received agricultural extension mainly from the Ministry of Agriculture; 35.9% from farmers; 0.7% from the mass media; and 11.4% from dealers in agricultural materials.

There were 37 agricultural holdings with fish farms in North Gaza Governorate. In addition, 1,523 of agricultural holdings form the main source of income for the household.

The results indicated that Israeli measures defy access to perform farm work to 93 agricultural holdings in North Gaza Governorate, of a total area of 1,345 dunums which equivalent to 6.6% of the total area of the agricultural holdings in North Gaza Governorate.



## Chapter Two

### Methodology and Data Quality

#### 2.1 Objectives of the Agricultural Census

The Agricultural Census aims to provide data on the structure of the agricultural sector as the basis for the efficient utilization of agricultural resources and the projection of related indicators to develop and make optimal use of agricultural resources. In addition, data provide a benchmark for setting estimates for subsequent years and to build a sampling frame as the basis for future agriculture-related surveys on different holdings in the Palestinian Territory. These could include periodic surveys of agricultural holdings, livestock, gardening, and farm management to provide basic and detailed data on the characteristics of the agricultural sector to meet the needs of ministries for planning and monitoring. Such data also contribute to regional planning, best distribution of resources, and meeting the needs of the private sector.

The rationale for the implementation of an agricultural census is as follows:

1. To meet the growing demand for up-to-date and reliable statistical indicators by users concerning the agricultural sector in the Palestinian Territory. Such statistics are necessary for the planning and monitoring of agriculture-related programs by governmental and private institutions.
2. To provide relevant statistics to ensure the optimal use of land and contribute to food security and self reliance in the Palestinian Territory.
3. To monitor the changes affecting agricultural land in the Palestinian Territory as a result of continuous Israeli aggression, confiscation of land, isolation of the population, and the building of the annexation wall.
4. To conduct an agricultural census every ten years according to the General Statistics Law No. 4 of 2000.

#### 2.2 Census Characteristics

##### 1. Geographical coverage:

The Agricultural Census is a comprehensive enumeration that should cover a specific geographical area accurately. The census covered all of the Palestinian Territory, including rural and urban areas and refugee camps.

##### 2. Time reference point:

The moment assigned to the census data is usually the middle of the night. The reference time of the Agricultural Census was midnight of 30 September to the first of October 2010. Most of the census data were based on this time and the reference night which referred to the reference day of the first of October 2010. This time reference covered data related to permanent crops, buildings, and livestock. Some census data were attributed to a specific reference period that includes information from a previous period of time, which is the census reference year that represents a period of 12 consecutive months from the morning of the first of October 2009 to the evening of 30 September 2010. The reference year is the agricultural year for data related to temporary crops and the use of agricultural materials and machinery.

##### 3. Enumeration period:

The collection of data on agricultural holdings within a specified period is called the enumeration period and is based on a number of logistical points. The enumeration period of the Agricultural Census 2010 was the morning of second of October 2010 to 14 November

2010 in the West Bank and the morning of 10 January 2011 to 20 February 2011 in the North Gaza Strip.

#### **4. Enumeration unit:**

The statistical unit is the agricultural holding. Common grazing lands, public parks, fishing and all land not included in an agricultural holding are not included in the Agricultural Census according to the recommendations of the Food and Agriculture Organization (FAO).

#### **5. Census frame:**

The frame of the Agricultural Census 2010 includes a complete record of holdings by households and collaborative institutions. The frame was prepared by listing all holders through visiting every household, using maps to reach all addresses.

### **2.3 Stages of Agricultural Census Implementation**

The implementation of an agricultural census usually takes three years from the preparatory stage until the dissemination of the detailed data. The Agricultural Census 2010 was conducted via various stages that included a preparation process and all other relevant activities as follows:

1. The preparatory stage (2 January 2009 – 30 September 2010): This stage comprised the issuance of the relevant official decisions and the formation of organizational structures and the agricultural census committees. Consultations were held with the relevant stakeholders and data users to pinpoint the priorities and obtain a national consensus on the census contents. A pilot census was also conducted during this period from 7 October 2009 to 5 November 2009 where the census implementation plan was tested, along with the design of the questionnaires, manuals, plans for data-entry, data coding, data auditing, and preparing the results and census implementation methodology. The pilot census, which was very similar to the main census, was conducted in order to draw up a final version of the census manuals, to prepare the implementation plans and data processing mechanisms, estimate the number of census personnel required, etc.
2. The field work stage: This took place from 01 October 2010 to 14 November 2010 in the West Bank and from 10 January 2011 to 20 February 2011 in the North Gaza Strip. In this stage, the borders of enumeration area maps were updated during field work, in addition to listing agricultural holders and holdings.
3. Data processing and dissemination stage: This stage started in November 2010 and will continue until June 2012. This stage includes collecting the questionnaires, editing, coding and entering the booklets and questionnaires, in addition to tabulating and disseminating the preliminary and final results.

### **2.4 Questionnaires and Forms**

Two questionnaires were designed to collect data covered by the census. The first questionnaire was designed to list households and agricultural holdings, while the second was related to the enumeration of the agricultural holdings. Items and variables were as follows:

#### **1. Household and agricultural holdings questionnaire:**

This included data of households and agricultural holdings, in addition to identification data, building name or owner, type of building, current use of the building, the total number of housing units in the building, current use of housing unit, the name of the householder, number of household members (males, females), and number of holdings of the household.

## **2. Agricultural holdings enumeration questionnaire:**

The enumeration questionnaire of the agricultural holdings included the following:

### **Part One: Identification data:**

Identification data included the enumeration area number, building number, housing unit number in the building, in addition to identification data on the holder and the respondent.

### **Part Two: Holders and holding data:**

Holders and holding data included data on the holder, such as the legal status, age, sex, main occupation, holder's relation to the householder, number of holder's household members, educational level, specialization, and data about the holding, including the holding type, the holding management method and main purpose of production.

### **Part Three: Land use:**

This included the unit's address, total area, uncultivated area (buildings used for holding's purposes, building not used for holding's purposes, permanent meadows and pastures, other). Cultivated areas include areas of permanent and temporary crops, forests, land that is temporarily fallow, nurseries, sources of irrigation, and utility rights.

### **Part Four: Crops /field crops, vegetables, horticultural trees:**

This included the following:

- **Field crops:** Questions related to the cultivation of field crops during the agricultural year: crop name, agricultural session, crop status, rainfed area, irrigated area, method of irrigation, and harvested area.
- **Vegetable crops:** Questions related to the cultivation of vegetable crops during the agricultural year: crop name, agricultural session, crop status, open air area, method of irrigation, protected area, type of protection, irrigation method, and harvested area.
- **Horticultural trees:** Questions related to the cultivation of horticultural trees during the agricultural year: crop name, method of farming, crop status, number and area of bearing trees and method of irrigation, area and number of nonbearing trees and method of irrigation, area and number of protected bearing trees and method of irrigation, area and number of protected nonbearing trees and method of irrigation.

### **Part Five: Farm animals:**

This included the following:

- Raising farm animals (sheep, goats and cows): type and species, address, type of rearing, the number according to sex and age group, the main purpose of raising the animals.
- Poultry farming: type, address, number of barns, area of barns, maximum production capacity, actual number on the enumeration day of the first of October 2010, average number of barn cycles per year, total number of poultry raised during 2009/2010.
- Domestic poultry breeding: type, number, beekeeping, and other livestock.

### **Part Six: Agricultural labor force:**

It included data on the agricultural labor force in the agricultural holding: employment status, sex, age, number and temporary employment.

### **Part Seven: Agricultural machinery and equipment:**

It included questions on the use of agricultural machinery and equipment during the agricultural year.

### **Part Eight: Agricultural practices during the agricultural year:**

This section included questions related to the use of agricultural practices; the availability of brooders or fish breeding; benefits from land reclamation projects; the construction of agricultural roads or any other agricultural projects.

#### **2.5 Field Work**

The field work stage included the following activities:

##### **1. Training field workers and distributing them by activity:**

A training program was provided for all field workers recruited for the Agricultural Census 2010. The program included specific training sessions covering concepts, definitions, interviewing, filling out of questionnaires, tasks and responsibilities of field workers, as well as supervision and management references.

##### **2. Updating maps:**

The maps of the Population, Housing and Establishment Census 2007 were utilized to serve field work activities of the Agricultural Census 2010. Field workers were provided with detailed maps of the enumeration areas. Supervisors were assigned the responsibility to delineate the boundaries of the enumeration areas while field workers were instructed to assign new buildings after 2007 accurately on the maps.

##### **3. Listing and enumerating the agricultural holdings:**

The listing and enumeration of the agricultural holdings was conducted in the West Bank during the period from the first of October 2010 to 14 November 2010 and in the North Gaza Strip during the period 10 January to 20 February 2011. Enumerators visited each household and filled out the agricultural holding and listing questionnaires. In cases where the household had one holding or more, the details of each holding were recorded in the corresponding questionnaire. The data from the questionnaires were edited in the field during the enumeration process by supervisors in each governorate.

##### **4. Re-interviewing:**

Re-interviewing of households was conducted by census supervisors and team leaders in each governorate by conducting random visits to households in the enumeration areas and filling out part of the listing and enumeration questionnaires. Re-interviewing was conducted to ensure data quality and control of field work activities.

##### **5. Delivery of questionnaires:**

The receipt of questionnaires from each field worker was conducted after completion of their enumeration areas on the evening of 14 November 2010 in the West Bank and 20 February 2011 in the North Gaza Strip. All of the questionnaires of each governorate were received in the field work offices and then sent to the main PCBS premises in Ramallah for the West Bank and the main PCBS office for the North Gaza Strip.

##### **Receipt of questionnaires from the field:**

After completing the enumeration stage, team leaders received all forms from enumerators (field workers), including the household and agricultural holdings listing questionnaires, holdings questionnaires, administrative forms, maps of enumeration areas, and any cancelled or unused forms. Then, team leaders handed over all questionnaires and administrative forms to supervisors who technically examined these forms and provided them to the census director in the governorate.



### **Receipt of all relevant materials at the main premises of PCBS:**

Receipt of all the relevant materials of the census in the Palestinian Territory took place from 19 November 2010 and continued until 28 February 2011.

### **2.6 Preliminary Results**

After completing the enumeration process on 14 November 2010 in the West Bank, enumerators and team leaders, in cooperation with the directors of the census in the governorates, conducted an office review and preparation of preliminary results in the field during the period from 16 to 18 November 2010 in the West Bank: while in the North Gaza Strip the activity was conducted from 20 to 24 February 2011.

The forms of preliminary results received from the field included the number of households and the number of holdings by type in the enumeration area. The preliminary results forms were then checked to verify that they covered all of the enumeration areas registered in the main register of the enumeration areas. The data were electronically entered in order to obtain preliminary statistical tables on the Palestinian Territory and individual governorates. The statistical tables included the number of households and holdings and their type. The preliminary results were disseminated in the local mass media and on the official website of PCBS on 17 April 2011.

### **2.7 Data Processing**

Data processing included all activities that followed the field work, such as office editing of questionnaires, coding, data entry and computer editing. This process started on 15 December 2010 according to the plan, which included training the editors and coders and hiring 100 personnel in addition to the supervisory team.

Special data processing programs were developed and tested to capture the census data. The computer was used to enter the data of the households and holdings listing and enumeration questionnaires.

Data editing, coding, entry, checking and cleaning were finalized on 16 June 2011 in the West Bank and on 31 August 2011 in the North Gaza Strip.

The technical team followed up the data processing, testing its accuracy and quality and comparing it with the preliminary results and other data resources, in addition to preparing the tables and the report of the final results of the census in the Palestinian Territory.

### **2.8 Dissemination Plan**

A tabulation plan of the main reports was drawn up. This plan was related to the dissemination of the main census results on a national level, as well as for the West Bank and North Gaza Strip separately and for each governorate.

### **2.9 Data Quality**

There are two types of error: statistical errors and non-statistical errors. Statistical errors occur in survey samples and not in censuses. These errors can easily be measured and the error rate estimated since it is an error in sampling. Non-statistical errors occur at any stage of the implementation of a survey or census. Therefore, a data quality system had to be established when conducting the Agricultural Census 2010 to achieve the highest level of data coverage and accuracy for the statistics produced in order for them to be utilized for planning, decision making, and research purposes. The impact of errors on data quality was minimized due to the

high level of competency and professional performance of the well-trained field work team, and also due to the existence of a quality control program to prevent or minimize errors as much as possible, find these errors when they occurred, and take the relevant procedures to correct them. A strict quality control system was established at all stages of the census, from the preparatory stage to the data processing and dissemination stage, to ensure that highly accurate data would be obtained. Quality control in the preparatory stage is crucial as it is succeeded by all census stages. Therefore, adequate time and appropriate procedures were taken into consideration at each stage to ensure high quality and authentic census data.

### **1. Quality control mechanisms at the preparatory stage:**

All necessary definitions and instructions were drawn up in the preparatory stage in line with international recommendations and the needs of data users. Questionnaires were designed properly to ensure the reliable transfer of instructions. Detailed maps were prepared and copied for each enumeration area in order to list every building, housing unit, and household and enumerate all the holdings of the household or any of its members. Booklets and questionnaires were drawn up to collect, enter, and store data, and all questionnaires, forms, mechanisms, field work and office review activities, printing of questionnaires, forms and manuals were tested in the pilot census conducted one year prior to the main census. In addition, data entry programs and electronic editing programs were selected and all coding manuals and tabulation and dissemination processes were reviewed in the preparatory stage. The number of personnel, the financial costs, and time schedule of activities were also estimated and prepared at this preparatory stage.

### **2. Quality control mechanisms in the implementation stage:**

#### **• Selecting and training personnel:**

Since the Agricultural Census was a large-scale activity with many stages and a large number of workers, proper mechanisms were required to ensure the collection of authentic data. Maps of the Population, Housing and Establishments Census 2007 were utilized. The number of agricultural holdings for each enumeration area was estimated and the enumeration areas divided according to the capacity of field workers in order for all activities to be accomplished on time with the various levels of supervision.

The best personnel were selected from unemployed graduates, especially those with a diploma and higher. The field workers were selected from the same locality as the enumeration area since they were familiar with the buildings and households.

Training plans and programs were prepared for all personnel. The census directors and their assistants in the governorates were trained first. They then trained the supervisors, who participated in training the team leaders and enumerators. Thirty percent of the personnel at each stage were trained as standby staff who could be summoned in case any workers quit the job, were discharged, or in any other case of emergency.

The selection of personnel was based on the results of a test and individuals with the highest scores were selected. The census directors were selected from Ministry of Agriculture offices in the governorates and had considerable technical experience in the agricultural field. The assistants of census directors in governorates were selected from those who had considerable technical and administrative experience at PCBS. Some supervisors were selected from the Ministry of Agriculture and PCBS and had worked as technical and field workers in the household surveys and agricultural pilot census.

- **Data collection:**

Field work mechanisms were established in order to obtain accurate data. A program of field visits was set up with defined objectives and data quality checks on each visit. Field work review and the processing of regulations were prepared prior to finalizing the field work.

Each supervisor supervised the work of four crew leaders and each crew leader supervised the work of three to four enumerators. Each enumerator worked on filling out the data of the holdings listing questionnaire and the holdings enumeration questionnaire, in case there was a holding for the household or one of its members.

The direct interview method was adopted only where it was necessary to obtain the data from an adult agricultural holder or head of household, or one of the household members who had accurate data on the agricultural holding. In cases where the holder or the appropriate individual was absent, the household was visited again at a different time to obtain the required data.

Data collection was based on official documents, such as basic data (name and ID number). The householders were notified and informed of the importance of the agricultural census and its objectives prior to starting the actual enumeration process and during the visits. Instructions were given to all personnel at every level on how to perform field and office reviews of their activities and the activities of other staff and how to review and correct errors. The census director, his assistant, the supervisor, and the crew leader each reviewed part of the enumerator questionnaires and checked the data quality and comprehensiveness, especially in the first days of the work, in addition to daily office and field work supervision. The supervisor obtained two percent of the data on households and the crew leader obtained five percent of the data on households. They also ensured that all target households were visited and the holdings data were consistent, in addition to notifying enumerators about errors in their work.

The census director in the governorate, his technical assistant, the supervisor, and the crew leader held a daily staff meeting to provide personnel with new instructions for the correction of errors made during the previous day, thereby avoiding any repetition of errors. Work superiors performed a daily office review of staff to check data coverage for all the enumeration units, to ensure the data were consistent in each questionnaire, and to check that staff had followed the necessary instructions. Information was publicized in the media explaining the activities of the census to increase public cooperation with census staff.

Many forms were drawn up and used to follow up work and show goals had been met on a daily basis. Some forms were related to booklets and relevant materials used in the census, or check-in work sheets for staff, or forms to check that all targeted holdings had been covered, etc. A central operations room was formed and worked continuously at the main premises of PCBS. This provided technical, administrative and logistic staff to respond to inquiries and provide general written instructions.

A database was used in each governorate to record the daily achievements of field workers and control the technical and administrative follow-up operations of all work stages. This assisted the census management and the central operations room at PCBS to monitor all stages of the work and perform required procedures promptly.

- **Non-response cases:**

Mechanisms were put in place to deal with non-respondents, especially in Jerusalem governorate and nearby localities. Among these mechanisms were field visits conducted by members of the central operations room and sharing concern with official bodies to minimize the non-response rate.

### **3. Quality control mechanism in the data processing stage:**

This stage included editing, coding, data entry and review processes, in addition to reviewing and checking all the previous processes for all the enumeration areas. Procedures and instructions were implemented to check data consistency and coding, ensure that all enumeration areas and data from booklets and questionnaires, buildings, housing units, households, agricultural holdings and individuals were electronically entered. A mechanism was set up to edit the booklets and questionnaires, follow up their transfer from one process to another and ensure that the process for each questionnaire was accomplished properly. All documents were indexed and classified for easy access and stored in a special place with a supervisor who controlled and organized the received documents and the daily achievements.

Coding manuals were prepared and checked. Instruction manuals for auditing, coding, checking data consistency, and discovering errors and correcting them were also drawn up. Workers in editing and coding were the best field workers who filled out the households and individuals questionnaires. There was centralized work and training to unify concepts and data checking processes in order to overcome field differences in all governorates. All questionnaires were edited and checked for data consistency at the office (100%) and editing and coding was reviewed at the office for 50% of the questionnaires to remove individual differences by editors, discover errors, and correct them.

A test was conducted on all individuals involved in data entry and the individuals with the best results were selected. Central training took place for data-entry operators on a unified data-entry mechanism. During the first three days, all data entered by operators were reviewed and re-entered. Necessary corrections were performed and data entry operators were informed about them. Data entry operators with high error rates were excluded and the best operators were selected based on quality and speed. Mechanisms were set up to ensure that data were entered properly. In the first stage, a special file was prepared for each enumeration area consisting of comprehensive identification data, including the number of households and the total number of booklets to ensure that all households and booklets were entered. A comprehensive check was set when entering the identification data, in addition to a number range for each main question. The computer program would not accept any number beyond this range, such as the type of the holding, utility rights, all previously coded questions in the agricultural census questionnaire, and the type of the building in the holdings listing questionnaire. For the remaining questions, a comprehensive check was performed again for the range of each question after the data entry process, and also after extracting transcripts of the errors resulting from data inconsistency.

### **4. Extraction of transcript errors:**

Programs were prepared to extract transcript errors as follows:

1. A manual was prepared of the electronic and office review instructions for the agricultural holdings enumeration questionnaire. In addition, documents detailed the electronic and office review instructions for the agricultural holdings. A listing questionnaire included checks on the comprehensiveness of data entry, errors in

consistency, and to uncover exceptional cases which have been reviewed. Each error was given a name and number in the manual to enable easy access.

2. A transcript was extracted for each enumeration area, including identification data on each building, housing unit, holding, or plot, in addition to a title and number in the manual to assist the editor in finding the error type and location, in addition to an editing, review and correction mechanism that included more than 600 checks on several stages.
3. The transcripts were provided to the reviewers who referred to the original booklets. If the error occurred while entering the data, it was amended on the transcript. If the error occurred in the field, the related questions were checked and amendments were made according to each case. For example, if the type of holding was a plant holding, data in part five of the animal holding should not be filled out according to the definition. First, the correction was made during manual editing, then electronic transcripts were extracted after the data entry. Then, the cases were corrected manually on the record and the correct data was re-entered. To check the thoroughness of data entry, there was a main manual which included all the enumeration areas. The number of booklets and holdings in the enumeration area were counted manually before being entered electronically. If there was a difference between the entered records or holdings and the total number of entered holdings in each enumeration area, an error message would pop up and the necessary correction would be made. This method ensured that all holdings were entered with all plots in each agricultural holding i.e., field crops, vegetable crops, horticultural trees were entered with 100% coverage through calculating the total area size of the plots in the holding.
4. The amended transcripts were returned to be re-entered and make the necessary corrections. A copy of the entered data was kept on a daily basis.
5. The previous stages were applied two or more times in order to clean all of the enumeration area data.
6. Data files were collected and the tables and repetitions were reviewed, in addition to adding any checks or auditing mechanisms to discover errors or issues that required attention. At this stage, specialists in different domains (plant and livestock) participated in checking the data before the final tabulation, where errors were corrected accordingly.
7. Many detailed tables were created during the data cleaning process. They were edited and reviewed for data quality and accuracy, ensuring that the data are logical and consistent prior to the final extraction of the tables.

##### **5. Evaluation of the data quality:**

The evaluation of the results of the agricultural census via error rates is considered an essential response to questions relating to the comprehensiveness and accuracy of the census data. There are many methods and tools to evaluate the results of the census and these may include either one source of the data (the census data) or many sources. The quality control program of the Agricultural Census 2010 comprised many methods to measure the comprehensiveness and quality of the data, as described below:

- **Checking the internal consistency of data:**

The Agricultural Census 2010 is the first census on agricultural holdings, production and the agricultural labor force so extra attention was given to checking data quality by every means, with checks on the internal consistency of data as the most important. Instructions and procedures were set up during field work activities to ensure high quality data were obtained and additional mechanisms and forms for follow up and controls were put in place. Transcripts were extracted after entering the data in order to ensure that all enumeration areas were entered, in addition to the buildings, households and holdings, and the internal

consistency of data for each unit was verified. Transcripts of errors in consistency or uncertain data were extracted to be checked and corrected. The transcripts were then reviewed by technical personnel.

- **Comparing the results with other sources:**

Data and indicators of the Agricultural Census were compared by technical personnel with data and indicators from PCBS agricultural surveys conducted in 2005 with similar methodology. The results indicated that there was high consistency between data. When census data were compared with data from the Ministry of Agriculture, some differences were found, especially in data relating to cultivated areas due to the difference in methodologies. Ministry of Agriculture data depend on estimates of data by locality by agricultural extension agents, based mainly on data from the agricultural census conducted by the Israeli Civil Administration in 1970.

- **Cases with no stated response:**

These cases were coded and designated the number nine according to the number of items in each question where a response was not given e.g., source of irrigation, utility rights, the agricultural session , etc.

**Percentage of Not Stated cases for Selected Indicators of Agricultural Census in North Gaza Governorate 2009/2010**

Indicator	Percent (%)
Source of irrigation for parcel	0.7
Land tenure for parcel	1.1
Agricultural session for field crops	0.0
Status of crop for field crops	0.0
Method of irrigation for irrigated field crops	0.0
Agricultural session for vegetable crops	0.0
Status of crop for vegetable crops	0.0
Method of irrigation for open vegetable crops	0.0
Type of protection for protected vegetable crops	0.0
Method of irrigation for protected vegetable crops	0.0
Method of farming for horticulture trees	0.0
Status of crop for horticulture trees	0.0
Method of irrigation for bearing horticulture trees	0.0
Method of irrigation for non-bearing horticulture trees	0.0
Type of production system for cattle, sheep, and goat	0.1
Main purpose of production for cattle, sheep, and goat	1.1

## Chapter Three

### Concepts and Definitions

The Agricultural Census 2010 was based on Food and Agriculture Organization (FAO) recommendations to facilitate future comparisons with neighboring countries and also on the results of consultations with the main users. A specific definition for each variable in the census was prepared on the basis of international recommendations, while taking into consideration the special needs of Palestinian society.

#### **Governorate:**

Governorates were defined according to the official administrative division of the Palestinian Territory for the end of 1997. There are 16 governorates, each consisting of a number of localities.

#### **Locality:**

A permanently inhabited place with an independent municipal administration, or a permanently inhabited separate place not included within the formal boundaries of another locality.

#### **Agricultural Census:**

The complete process of collecting, compiling, processing, analyzing, evaluating, and disseminating to provide statistical data on agricultural holdings, characteristics and agricultural applications in a specific reference period for all holdings within the country.

#### **Agricultural Holding:**

An economic unit of agricultural production under single management comprising all kept livestock and all land used totally or partially for agricultural production purposes regardless of legal form or size. Single management may be exercised by an individual or household, jointly by two or more individuals or households, by a clan or tribe, or by a juridical person such as a corporation, cooperative, or government agency. The land of the holding may consist of one or more parcels located in one or more separate areas, or in one or more territorial or administrative divisions, providing the parcels share the same means of production such as labour, farm buildings, machinery, or draught animals.

#### **Plant Holding:**

The presence of cultivated or arable land for any agricultural crops controlled by the holder. This must not be less than one dunum for an open cultivated area and half a dunum for a protected cultivated area.

#### **Animal Holding:**

The presence of animals controlled by the holder. The holder should have any number of cattle or camels, at least five heads of sheep, goats or pigs, at least 50 poultry birds (layers and broilers), or 50 rabbits or other poultry like turkeys, ducks, fer, etc, or a mixture of them, or at least three beehives.

#### **Mixed Holding:**

Where the holder has plant and animal holdings, according to the definition of plant and animal holdings, providing both animal and plant activities and sharing the same means of production such as labour, farm buildings, machinery, or draught animals.

**Agricultural Holder:**

The holder is a civil or juridical person who exercises management control over the agricultural holding operation, and takes major decisions regarding the holding and may undertake all responsibilities directly, or delegate responsibilities related to day-to-day work management to a hired manager.

**Legal Status of Agricultural Holder:**

Refers to the juridical aspects under which the agricultural holding is operated. It also refers to other aspects about the type of holding. From the juridical point of view, a holding may be operated by a single individual, jointly by several individuals with or without a contractual agreement and belonging to the same or to different households, or by a juridical person: cooperation, cooperative, governmental institution.

**Management Method of the Agricultural Holding:**

A method which is used for daily supervision of agricultural holdings, including workers, irrigation, fertilization, etc, which could be by the holder or hired manager or by a family member.

**Hired Manager:**

A civil or juridical person who takes technical and administrative responsibility for the management of a holding on the holder's behalf. Responsibilities are limited to making day-to-day decisions on the operation of the holding, including managing and supervising hired labour. Wages may be paid in cash and/or kind. A hired manager who shares economic and financial responsibilities, in addition to managing the holding, should be considered a holder or a joint holder.

**Household:**

The household is defined as one person or a group of persons with or without a family relationship, who live in the same housing unit or part of the housing unit, share meals and make joint provision of food and other essentials of living.

**Head of Household:**

The person who usually lives with the household and is recognized as head of household by its other members. Often he/she is the main decision maker and is responsible for financial support and welfare of the household.

**Land Tenure:**

The arrangements or rights under which the holder operates the land making up the holding. Land rented to another person is not considered part of the tenure may be owned or rented or government or any other form.

**Reference Date:**

This refers to the moment on which the census data are based. Normally, it refers to midnight of the day preceding the reference period. Thus, the findings of the census relate to that night.

**A Parcel:**

Any piece of land of one land tenure type, entirely surrounded by other land, water, road, forest or other features not forming part of the holding or forming part of the holding under a different land tenure type. A parcel may consist of one or more fields or plots adjacent to each other.



**Main Purpose of Production of the Holding:**

The main purpose of the production, which is mainly either for sale or for household consumption. Mainly means half or more of the agricultural production through the agricultural year.

**Age of the Holder in Completed Years:**

The completed age in years of the person enumerated, which is the difference between the date of birth and the survey reference period.

**Educational Attainment:**

It refers to the highest successfully completed educational attainment level. The educational level for persons aged 10 years and over.

**Specialization:**

It refers to the name of the subject the person successfully completed. For the purposes of the agricultural census, specialization was divided into agricultural and non-agricultural.

**Unused and Undeveloped Potentially Productive Land:**

This includes land uncultivated during the agricultural year. This may be part of the holding crops rotation system or because of lack of water, or other reasons. If data were collected before cultivation was completed, this land should be classified according to the crops grown on the land.

**Land Under Permanent Pastures and Meadows:**

This means land used permanently (i.e., for five years or more) for herbaceous forage crops. Permanent meadows and pastures on which trees and shrubs are grown should be recorded under this heading only if the growing of forage crops is the most important use of the area.

**Permanent Agricultural Workers:**

A person whose services are utilized regularly and continuously during the agricultural year for agricultural work on the holding. Permanent agricultural workers work for at least eight months during the agricultural year.

**Occasional Agricultural Workers:**

A person working one or more times during the agricultural year who is not expected to work regularly or continuously on the holding. Occasional agricultural workers work for less than eight months during the agricultural year.

**Unpaid Family Member:**

A person who works without pay in an economic enterprise operated by a related person living in the same household.

**Main Occupation:**

The job or type of work performed by the employed person, or used to be performed by the unemployed. The occupation refers to the activity in which the employed works more than half of work hours or the most frequent job during the last three months before reference data. For the purposes of the agricultural census, the main occupation was divided into agricultural and non-agricultural.

**Holding Area:**

This is a derived item obtained by summing the area under each land use category. It is the area of all land making up the agricultural holding and includes all land operated by the

holding without regard to title or legal form. Thus, land owned by members of a household but rented from others should not be included in the area of the holding.

**Area under Permanent Crops:**

This is an area devoted to fruit trees that does not need to be replanted annually, or an area used for horticulture i.e., scattered and in association with other crops (inter-cropped).

**Nurseries:**

An area where young plants, trees or vines are propagated for the purpose of transplanting. Plants in a nursery are not harvested and are therefore not included in the area (temporary crops) or current area (permanent crops). A nursery might be in the open or under protective cover. It may be used for the development of planting materials for the holding itself or for sale. Nurseries do not include seed fields and forest tree nurseries.

**Cropped Land Under Protective Cover:**

Land under a permanent structure with a roof of glass, plastic or other material used for protecting crops against the weather, pests, or diseases. Such structures may be used for growing temporary or permanent crops.

**French Tunnels:**

A tunnel consisting of a group of iron arches (1-3 inches in diameter) with plastic fixed on it. The distance between the curves is around three meters, which makes a tunnel of 6-10 meters in width, 30-50 meters in length, and 1.5-2 meters in height. These tunnels are mainly cultivated with eggplant, pepper, cucumber, tomato, and kidney beans.

**Surface Tunnels:**

A tunnel consisting of plastic fixed on iron wires 1.0-1.8 meters in width and 1.5-2 meters high. These tunnels are mainly used in winter to protect open irrigated vegetables from cold weather and to raise the temperature before the fruiting stage.

**Cultivated Woodland:**

Includes land used permanently (for five years or more) to grow forest. Permanent meadows and pastures on which trees and shrubs are grown should be recorded under this heading only if the growing of forest trees is the most important use of the area and it is used as a source for wood or to protect land from erosion, such as pine, oak, cypress, and carob.

**Single Crop:**

This term refers to one crop grown alone in the field. This crop may be temporary or permanent.

**Associated Crops:**

A temporary crop grown in a compact plantation of permanent crops.

**Mixed Crops:**

Two or more different temporary or permanent crops (but not both temporary and permanent crops) grown simultaneously in the same field or area.

**Compact Plantation:**

Includes plants, trees and shrubs planted in a regular and systematic manner, such as in an orchard. Plants, trees or shrubs forming an irregular pattern but dense enough to be considered as an orchard are also considered a compact plantation.

**Scattered Plantation:**

Includes plants and trees scattered or isolated to different degrees without specifying the total area occupied. In determining the area covered by scattered trees, the total was based on the number of trees on the allocated area by each standard tree (whether of one kind or more) planted in the field, scattered or planted on the sides of the field and corridors, as a fence or windbreak, or trees scattered in the garden within the agricultural holding.

**Agricultural Year:**

The period covering the first of October to the end of September of the following year.

**Planting Session for Field Crops:**

The period during which field crops are cultivated.

- Summer session: from mid-February to mid-April
- Winter session: from the beginning of October to mid-December.

**Planting Session for Vegetables:**

The period during which vegetable crops are cultivated:

- Winter session: from the beginning of November to the beginning of December
- Spring session: from mid-February to mid-March
- Summer session: from mid-May to mid-June
- Autumn session: from mid-August to mid-September.

**Field Crops**

This is a set of temporary crops including cereals such as wheat and barley; legume crops such as chick peas and broad beans; oil crops such as sunflower, sesame, peanuts; tuber crops such as potatoes and onions; medical crops such as anise, sage, and mint; spice crops such as cumin, anise and black cumin; and fodder crops such as clover, alfalfa and sern.

**Vegetables**

This is a set of temporary crops used mainly for fresh consumption, including fruit vegetables such as pumpkins, eggplants, okra, maize and green legume; root vegetables such as carrots, radishes, and onion; leafy vegetables such as lettuce and spinach, plus strawberries, watermelon and musk melon. Vegetables can be grown open or protected.

**Permanent Crops (including trees horticulture)**

A crop growth cycle of more than one year that does not need replanting after each season and for the previous few years. For example, olive trees, citrus trees, and nuts. It is possible to grow permanent crops in intensive agriculture or scattered. The area planted with crops include two ways.

**Permanent Crops (related to age production - fruit)**

Permanent crops already bearing fruit and producing. Most tree crops become productive after a certain length of time. The fall crop, which amounted to this stage in the crop production and age had not yielded or produced yields in the reference year because of the climatic conditions, or for any other reasons, not included aging trees or other trees, which amounted age production but are no longer productive if identified within the crop at the age of production.

**Unbearing trees horticulture:**

non-bearing means not yet bearing (young plants) but also not anymore bearing (old and damaged plants).

**Rainfed Agricultural Land:**

Refers to agricultural land that relies mainly on rain for irrigation.

**Irrigated Area:**

An area of land that is normally provided with water other than rain for the purpose of improving production.

**Area Harvested**

Refers to the total area from which the crop is gathered. Thus, an area that is destroyed due to drought, flooding, pests or any other reason is excluded. The area harvested only covers crops grown to maturity. It does not include nurseries and includes all crops harvested regardless of their end use, whether for human consumption, for animal feed, or for any other purpose.

**Main Source of Water:**

- 1. Public Water Network:** A network of pipes for the purpose of providing clean water to households. It normally belongs to a municipality, the council, or to a private company.
- 2. Israeli Mekorot company:** A network of pipes for the purpose of providing clean water to households. It normally belongs to the Israeli Mekorot company.
- 3. Collection Water Wells:** Wells that are dug in the ground for the purpose of collecting rain water.
- 4. Springs:** Water that is discharged from the ground at an intersection point between the topographic surface and the groundwater table. It could be permanent or seasonal and is considered as one of the natural resources for irrigation.
- 5. Water Tanks:** Using water from vehicles that distribute and transfer water.
- 6. Others:** If the source of water was not mentioned above.

**Surface Irrigation:**

Refers to a system for partially or completely covering land with water for the purpose of irrigation. There are various types, including furrow, border strip, open channels and basin irrigation, regardless of the water source.

**Drip Irrigation:**

A system where water is distributed under low pressure through a piped network in a pre-determined pattern and applied as a small discharge to each plant, where drip emitters apply water slowly to the soil surface.

**Sprinkler Irrigation:**

Refers to pipe networks through which water moves under pressure before being delivered to the crop via sprinkler nozzles.

**Livestock:**

Refers to all animals kept or reared mainly for agricultural purposes. Includes cattle, buffaloes, sheep, goats, pigs, horses, mules, asses, camels, poultry, rabbits, bees and other domesticated animals, as well as foxes, minks, etc.

**Strain:**

A collection of genetic traits and productivity of one type of animal, such as a Friesian cow, or Assaf sheep.

**Type of Livestock Production System:**

Refers to the general characteristics and practices of raising livestock on the holding.

- **Semi-intensive farming:** the adoption of animals feeding on grazing plus feed to provide supplementary nutrition.
- **Intensive farming:** raising animals in barns on feed without outside grazing.

**Poultry:**

Refers to all poultry kept for different purposes of production, such as meat from broilers, eggs from layers, or meat from turkeys or any type of bird or rabbits.

**Maximum Capacity for Production:**

Refers to the maximum number of chicks that can be kept on the farm.

**Barns:**

Refers to the place where poultry is kept. It can be a special house or other building.

**Number of Cycles in the Barns:**

Refers to the number of production cycles the farmer makes during the agricultural year for all poultry houses.

**Broiler Cycles:**

The period that extends from the raising of chicks (aged one day) until the final marketing of the poultry.

**Mothers of Broilers:**

Refers to the chicks kept to produce fertilized eggs for hatching and producing broiler chicks.

**Layers:**

Refers to the chicks kept to produce table eggs, not usually for more than 30 months.

**Household Poultry:**

Refers to poultry kept in small numbers in special places near the home with the main purpose of household consumption e.g., layers, pigeons, geese, ducks, rabbits.

**Main Purpose for Raising Animal:**

Refers to the main reason for the animals to be kept. Normally, milk and meat are the main purpose.

**Hatchery:**

Special machines for the hatching of poultry eggs.

**Modern Beehives:**

A wooden box with specific dimensions consisting of a base, raising box and cover. Other layers and frames may be added or removed.

**Local Beehives:**

A locally-made beehive with non-specific dimensions and shapes, made mainly of soil or clay and sometimes from wood, to which layers and frames cannot be added.

**Machinery and Equipment:**

Covering all machinery, equipment and implements used as inputs to agricultural production. This includes everything from simple hand tools, such as a hoe, to complex machinery such as a combined harvester.

**Source of the Machinery/ Equipment:**

Refers to the means by which the holder obtained the right to use the specific item.

**Improved Asset:**

The origins of plants that have been genetically improved through hybridization or other assets to produce desirable genetic qualities, such as being resistant to disease or to encourage early or high production of crops and vegetables. Assets include seedlings, seeds, bulbs, and tubers.

**Chemical Fertilizer:**

Fertilizer prepared from inorganic materials manufactured through an industrial process such as mechanical enrichment, simple crushing, or more elaborate chemical transformation of one or more raw materials, and containing elements of essential nutrients for plant growth. These include nitrogenous fertilizer, phosphate fertilizers, potassium fertilizers, and mixed fertilizers.

**Organic Fertilizers:**

Fertilizer prepared from processed plant or animal material and/or unprocessed mineral materials (such as lime, rock or phosphate) containing at least five percent of combined plant nutrients. Organic fertilizers include some organic material of animal origin, such as bone meal, fish meal, leather meal, and blood.

**Pesticides:**

Substances intended to prevent or control disease or pests in plants or animals, including vectors of human and animal diseases, unwanted species of plant, or to control the behavior or physiology of pests or crops during production or storage. They include insecticides herbicides, fungicides, acaricides, termiticides and rodenticides.

**Integrated Pest Management:**

The combat system using a wide range of control methods: physical (burning and solar disinfection), biological (parasites and predators), chemical (chemical pesticides), and mechanical (tillage, hand hoeing and collection of insects). All of these are used in parallel against pests with the aim of maintaining human health, the environment, and the safety of the agricultural product. It is also necessary to ensure the survival of pests at a critical level without breaching the normal balance between pests and their vital enemies. Chemical control is the last option and may be integrated with the other methods of control, in addition to the use of chemical pesticides, within regulations which maintain public health, the environment, and the quality of agricultural products free from pesticide residues.

**Epidemiological Diseases:**

The sudden and unexpected increase in the number of cases of infections of diseases included in the World Organization for Animal Diseases, such as brucellosis, foot-and-mouth disease, anthrax, bird flu, newcastle, pox, etc.

**Source of Agricultural Extension:**

Refers to the source that provides agricultural advice and information to crop and livestock producers. Extension services may be provided by a government institution (MoA), non-government organization, farmer's organization, educational institutions, informal grass roots organizations, and others.