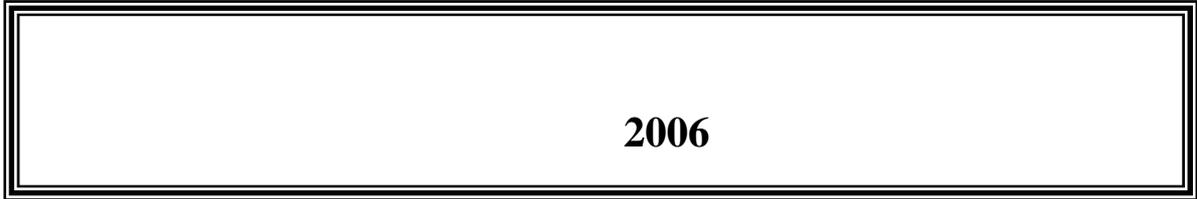


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فخامة الرئيس محمود عباس "أبو مازن"

رئيس اللجنة التنفيذية لمنظمة التحرير الفلسطينية

رئيس السلطة الوطنية الفلسطينية







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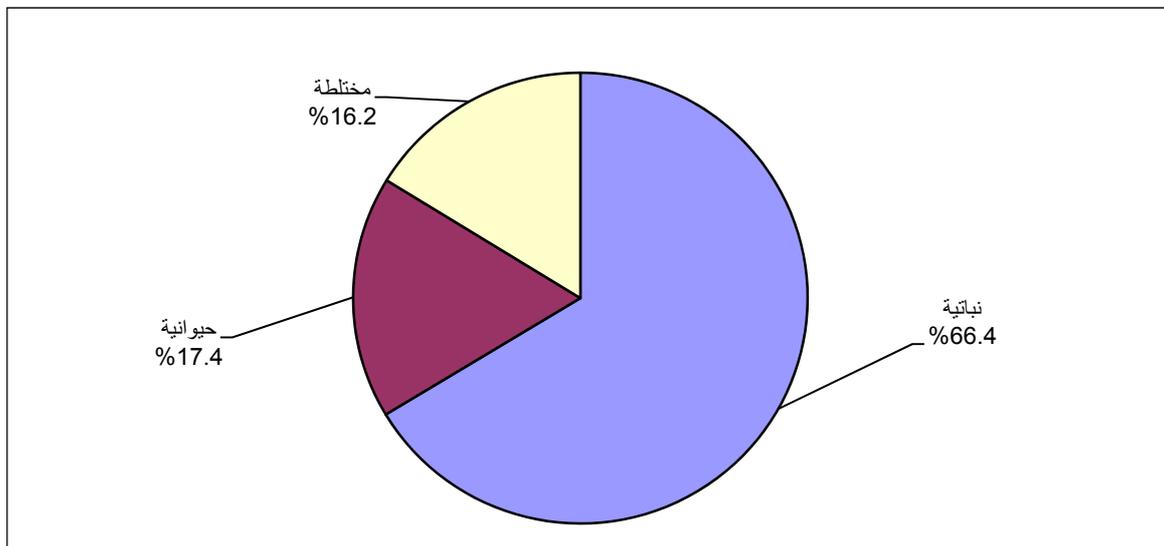
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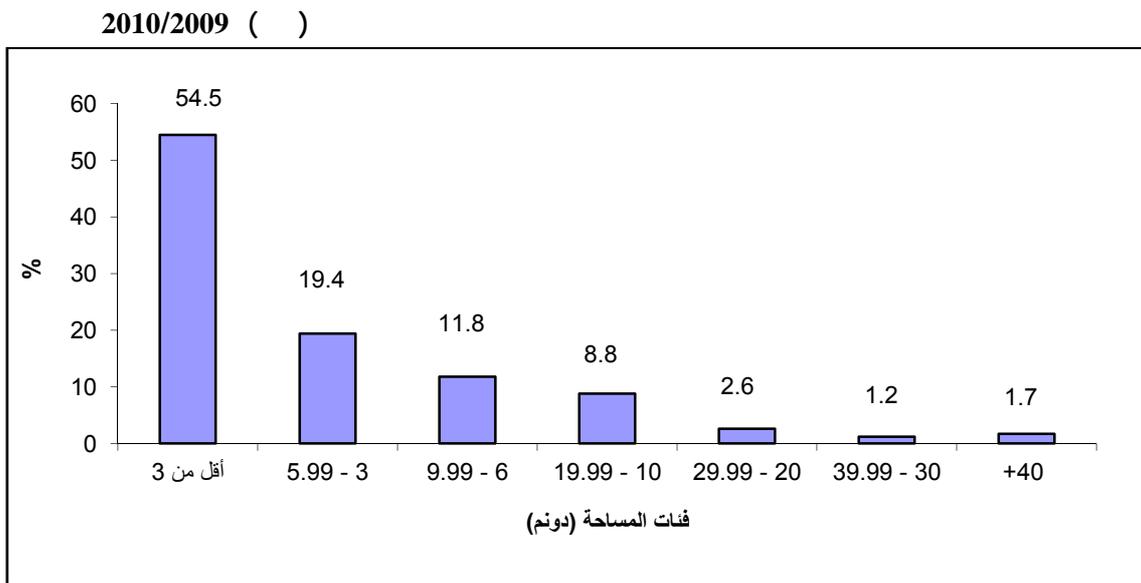
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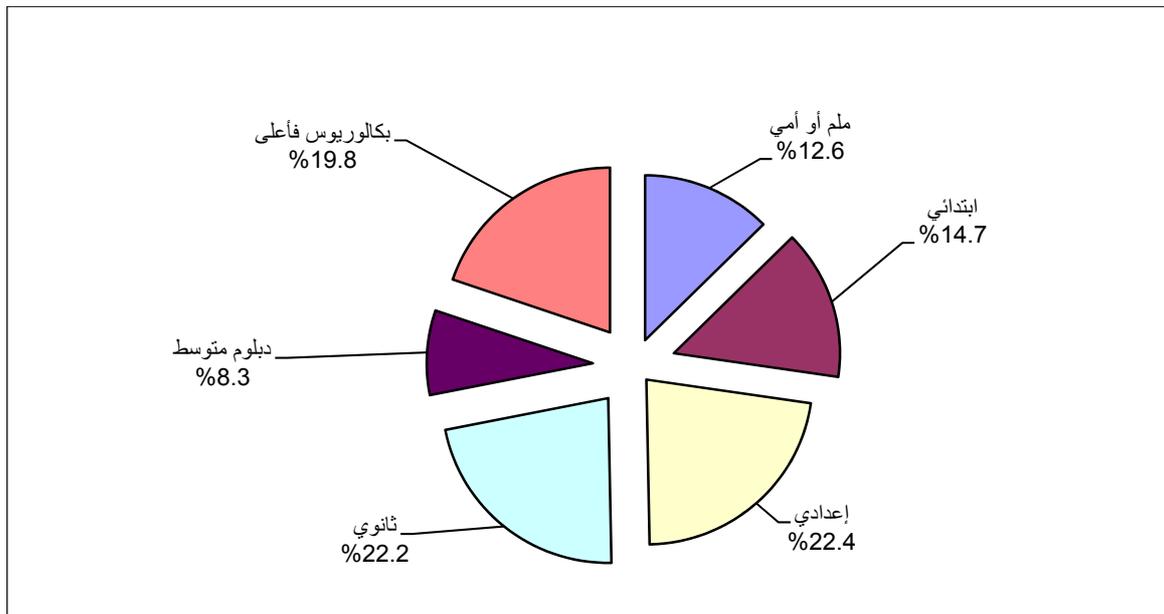


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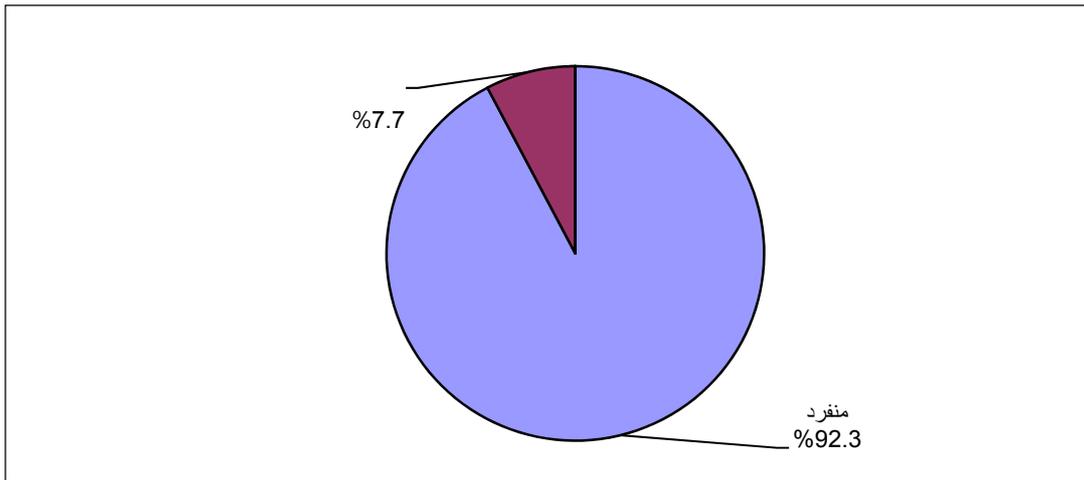
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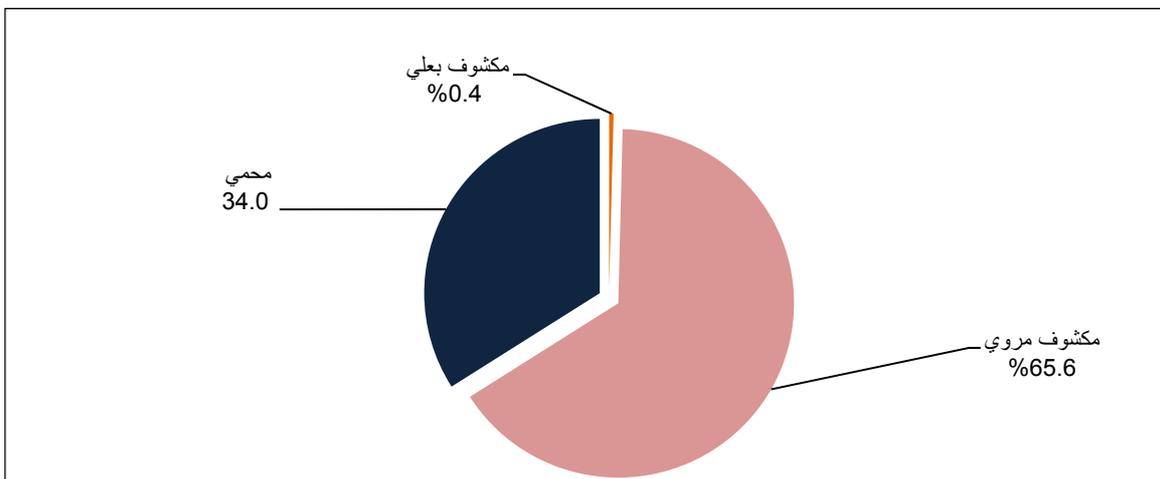
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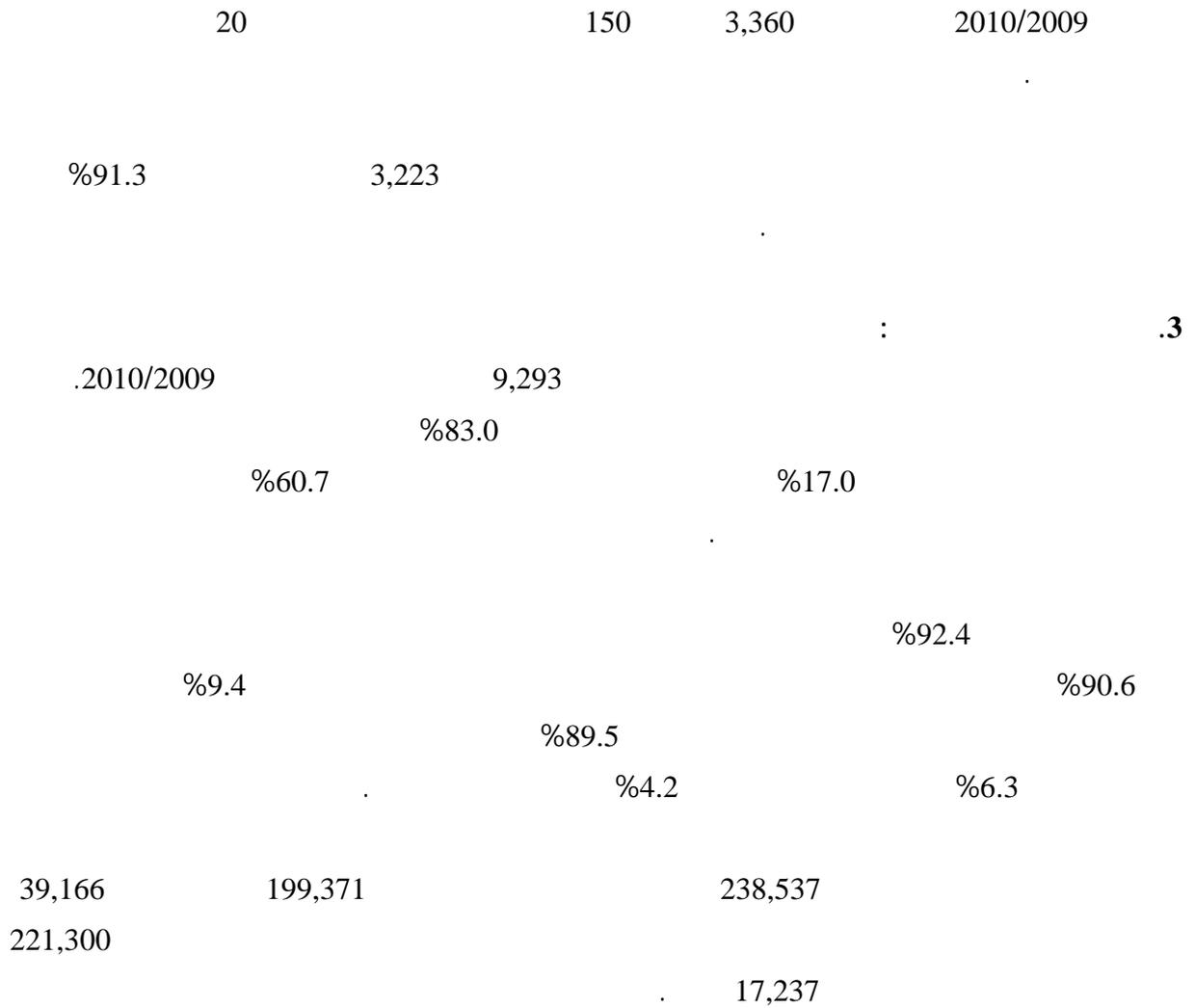


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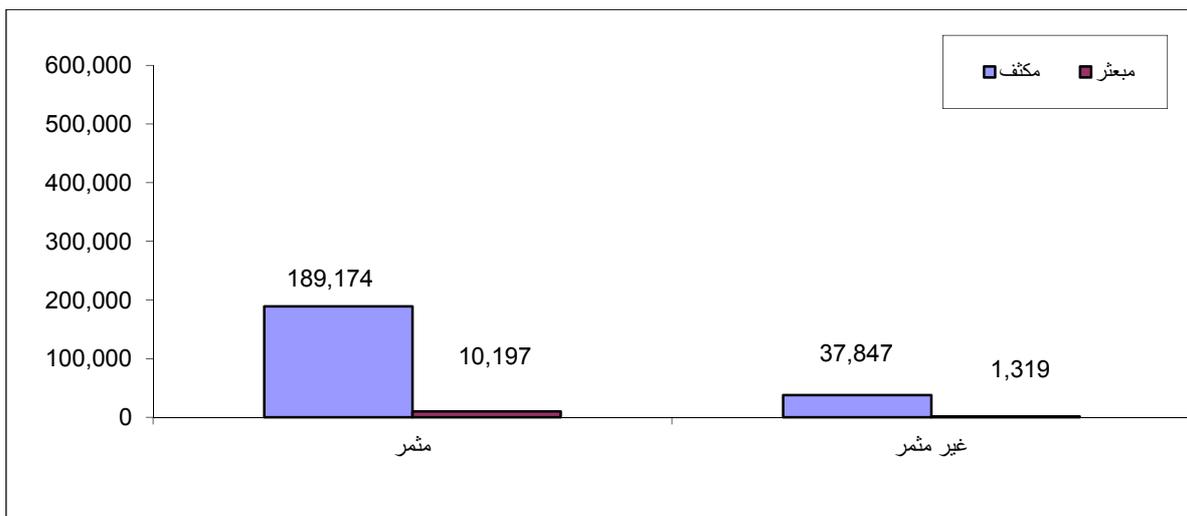
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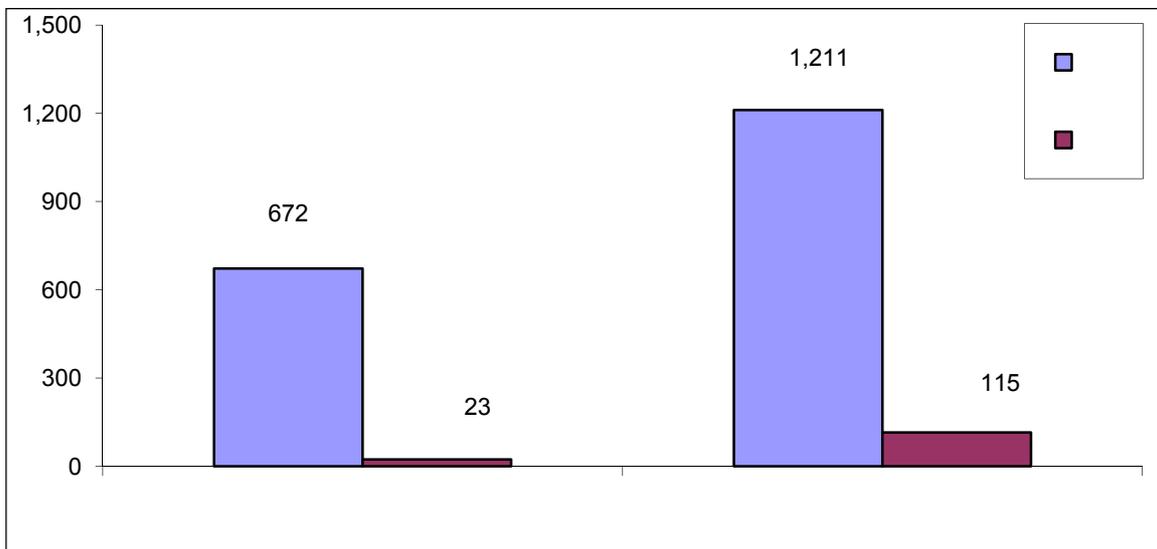
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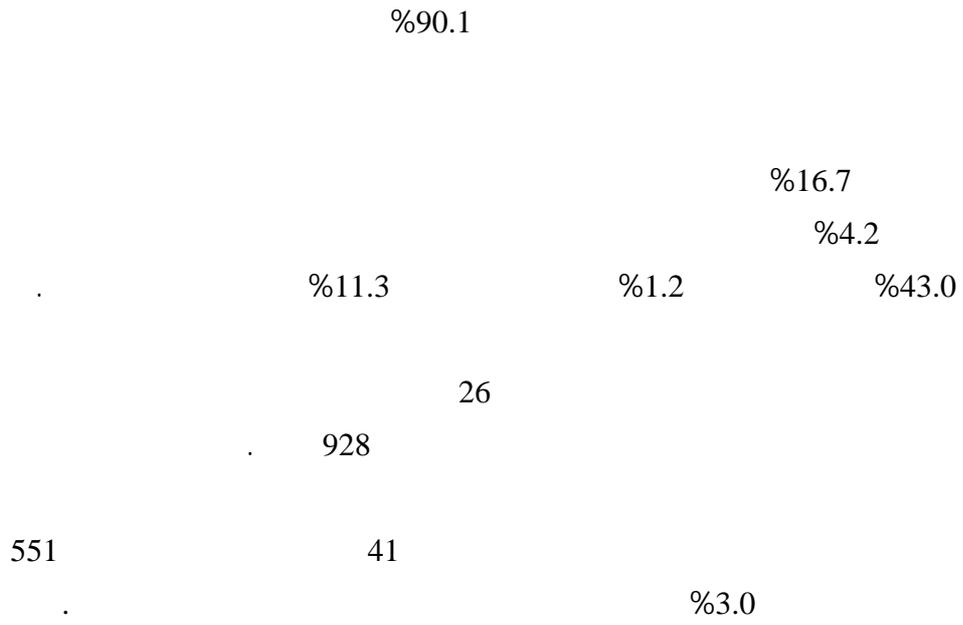
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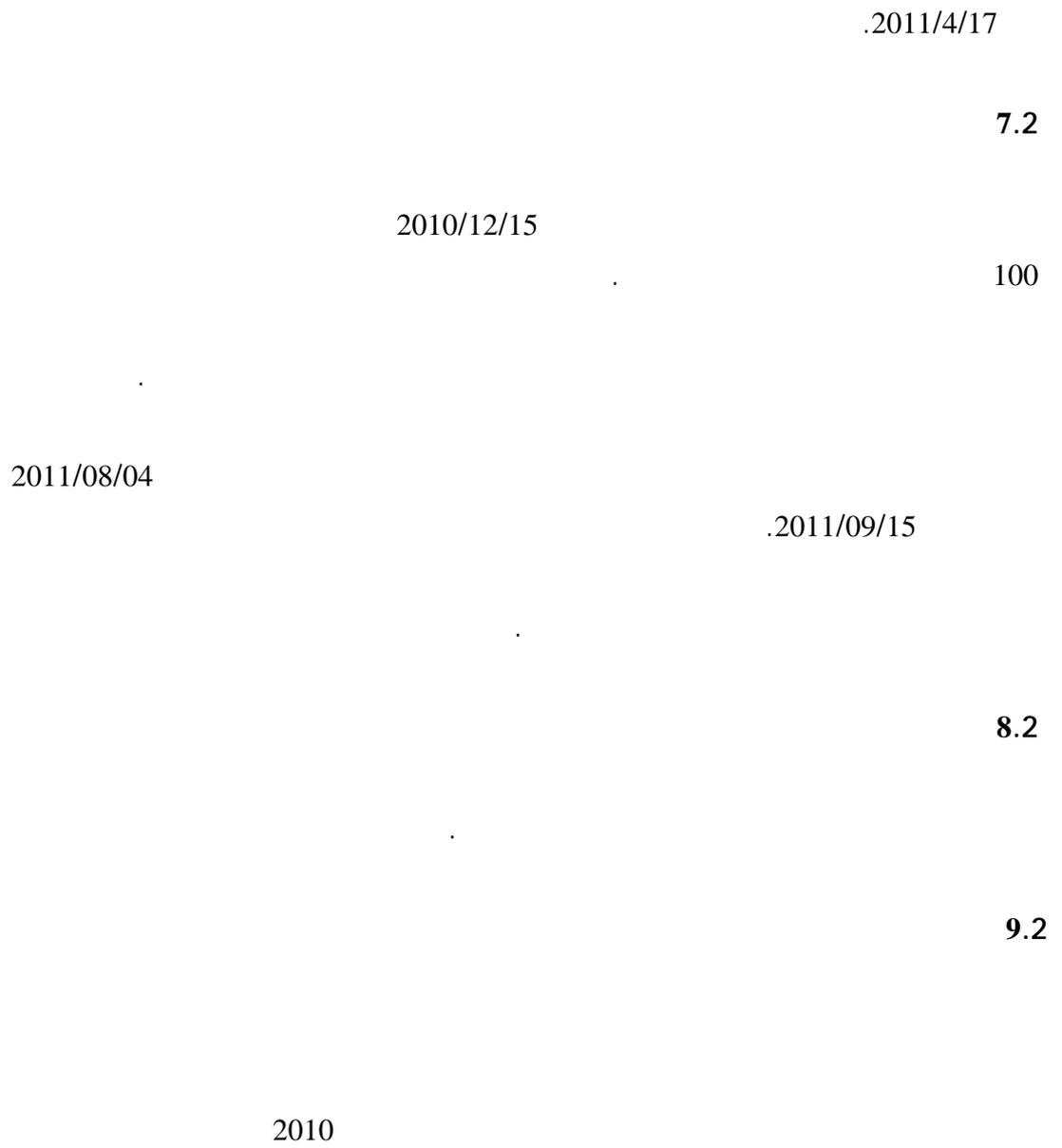
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# Tables



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

**Table 1: Number of Agricultural Holders in Deir Al- Balah Governorate by Age Group of Holder and Locality, 2009/2010**

Locality	Total	Age Group of Holder					
		+ 60	59 - 50	49 - 40	39 - 30	29 - 15	
<b>Deir Al- Balah Governorate</b>	<b>2,900</b>	<b>746</b>	<b>724</b>	<b>814</b>	<b>480</b>	<b>136</b>	
An Nuseirat Camp	62	16	16	21	5	4	
An Nuseirat	443	112	108	136	71	16	
Al Bureij Camp	144	41	36	38	22	7	
Al Bureij	282	67	58	87	56	14	
Az Zawayda	450	124	115	116	76	19	
Deir Al- Balah Camp	18	5	4	9	-	-	
Al Maghazi Camp	93	26	23	26	14	4	
Al Maghazi	143	46	33	35	23	6	
Deir Al- Balah	881	227	248	233	128	45	
Al Musaddar	126	28	34	43	17	4	
Wadi as Salqa	258	54	49	70	68	17	

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

**Table 2: Number of Agricultural Holders in Deir Al- Balah Governorate by Main Occupation of Holder and Type of Locality, 2009/2010**

Type of Locality	Total	Main Occupation of Holder			نوع التجمع
		Not Stated	Other Than Agriculture	Agriculture	
Urban	2,456	1	1,389	1,066	
Rural	127	-	75	52	
Camp	317	1	234	82	
<b>Total</b>	<b>2,900</b>	<b>2</b>	<b>1,698</b>	<b>1,200</b>	

2010/2009

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**Table 3: Number of Agricultural Holders in Deir Al- Balah Governorate by Educational Attainment of Holder and Type of Locality 2009/2010**

Type of Locality	Total	Educational Attainment of Holder						
		Bachelor and Above	Associate Diploma	Secondary	Preparatory	Elementary	Can Read and Write	Illiterate
Urban	<b>2,456</b>	484	199	552	545	370	161	145
Rural	<b>127</b>	33	7	21	24	14	11	17
Camp	<b>317</b>	57	34	70	81	44	14	17
<b>Total</b>	<b>2,900</b>	<b>574</b>	<b>240</b>	<b>643</b>	<b>650</b>	<b>428</b>	<b>186</b>	<b>179</b>

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

**Table 4: Number of Agricultural Holdings in Deir Al- Balah Governorate by Holding Management Method and Main Purpose of Production, 2009/2010**

Main Purpose of Production	المجموع Total	Holding Management Method أسلوب إدارة الحيازة			الغرض الرئيسي للإنتاج
		Member of the Holders Family	Paid Manager	Holder Himself	
For Household Consumption	1,260	244	30	986	للاستهلاك الأسري أساساً
For Sale	1,580	299	45	1,236	للبيع أساساً
Not Stated	231	20	6	205	غير مبين
<b>Total</b>	<b>3,071</b>	<b>563</b>	<b>81</b>	<b>2,427</b>	<b>المجموع</b>

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**Table 5: Number of Agricultural Holdings in Deir Al- Balah 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>1,673</b>	132	647	894	حتى 2.99
3 - 5.99	<b>597</b>	55	346	196	5.99 - 3
6 - 9.99	<b>362</b>	22	244	96	9.99 - 6
10 - 19.99	<b>271</b>	10	212	49	19.99 - 10
20 - 29.99	<b>81</b>	8	57	16	29.99 - 20
30 - 39.99	<b>36</b>	3	29	4	39.99 - 30
40 - 49.99	<b>11</b>	-	10	1	49.99 - 40
50 - 59.99	<b>15</b>	-	12	3	59.99 - 50
60 - 69.99	<b>4</b>	1	2	1	69.99 - 60
70 - 79.99	<b>4</b>	-	4	-	79.99 - 70
80 +	<b>17</b>	-	17	-	+ 80
<b>Total</b>	<b>3,071</b>	<b>231</b>	<b>1,580</b>	<b>1,260</b>	

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**Table 6: Number of Agricultural Holdings in Deir Al- Balah 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	32	3	16	13	
2 - 3	347	27	199	121	3 - 2
4 - 5	560	52	288	220	5 - 4
6 - 9	1,585	113	819	653	9 - 6
10 +	547	36	258	253	+ 10
<b>Total</b>	<b>3,071</b>	<b>231</b>	<b>1,580</b>	<b>1,260</b>	

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

**Table 7: Number of Agricultural Holdings in Deir Al- Balah 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 Possesstion	2,915	231	1,447	1,237	
Rented	100	-	89	11	
Held Under Atribal or Traditional Form	6	-	3	3	
More Than One Type of Land Tenure	47	-	38	9	
Not Stated	3	-	3	-	
<b>Total</b>	<b>3,071</b>	<b>231</b>	<b>1,580</b>	<b>1,260</b>	

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

**Table 8: Number of Agricultural Holdings in Deir Al- Balah 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	1,260	169	245	846	
For Sale	1,580	329	289	962	
Not Stated	231	1	-	230	
<b>Total</b>	<b>3,071</b>	<b>499</b>	<b>534</b>	<b>2,038</b>	

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

Table 9: Area of Agricultural Holdings in Deir Al- Balah 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	المجموع Total	Others *	( ) Permanent Meadows and Pastures	Buildings Used for Holdings	
<b>Deir Al- Balah Governorate</b>	<b>18,647.81</b>	<b>17,422.16</b>	<b>20.25</b>	<b>2,950.10</b>	<b>26.40</b>	<b>14,425.41</b>	<b>1,225.65</b>	<b>128.98</b>	<b>847.67</b>	<b>249.00</b>	
An Nuseirat Camp	37.91	35.79	-	0.50	-	35.29	2.12	-	-	2.12	
An Nuseirat	1,911.45	1,832.89	5.75	279.39	2.00	1,545.75	78.56	20.89	24.55	33.12	
Al Bureij Camp	282.29	267.40	-	81.09	-	186.31	14.89	-	8.78	6.11	
Al Bureij	2,610.26	2,397.52	-	403.33	10.44	1,983.75	212.74	10.93	169.00	32.81	
Az Zawayda	2,246.85	2,063.05	11.30	241.32	0.53	1,809.90	183.80	27.47	104.58	51.75	
Deir Al- Balah Camp	15.05	6.15	-	-	-	6.15	8.90	1.00	7.90	-	
Al Maghazi Camp	34.94	31.88	-	4.90	0.64	26.34	3.06	0.03	-	3.03	
Al Maghazi	1,773.85	1,581.34	-	432.20	0.79	1,148.35	192.51	8.76	163.50	20.25	
Deir Al- Balah	5,513.98	5,195.47	3.20	899.77	9.40	4,283.10	318.51	40.07	217.55	60.89	
Al Musaddar	1,986.23	1,899.52	-	248.00	-	1,651.52	86.71	1.51	63.69	21.51	
Wadi as Salqa	2,235.00	2,111.15	-	359.60	2.60	1,748.95	123.85	18.32	88.12	17.41	

\*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 دير البلح حسب التجمع، 2009/2010**  
**Table 10: Cultivated Area of Horticulture Trees, Vegetables and Field Crops in Deir Al- Balah Governorate by Locality, 2009/2010**

Area in Dunums

Lcality	Total	Field Crops	Vegetables	Horticulture Trees	التجمع
<b>Deir Al- Balah</b>	<b>15,491.96</b>	<b>2,669.07</b>	<b>3,530.08</b>	<b>9,292.81</b>	
Ān Nuseirat Camp	36.19	3.50	1.40	31.29	
An Nuseirat	1,561.35	51.10	266.31	1,243.94	
Al Bureij Camp	187.09	4.00	5.33	177.76	
Al Bureij	2,035.69	222.42	114.29	1,698.98	
Az Zawayda	1,538.94	329.06	288.42	921.46	
Deir Al- Balah Camp	5.35	-	0.50	4.85	
Al Maghazi Camp	27.34	1.50	2.07	23.77	
Al Maghazi	1,243.36	276.54	129.28	837.54	
Deir Al- Balah	4,637.41	892.52	1,524.58	2,220.31	
Al Musaddar	2,175.52	330.40	431.10	1,414.02	
Wadi as Salqa	2,043.72	558.03	766.80	718.89	

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**Table 11: Number of Agricultural Holdings in Deir Al- Balah Governorate by Type of Holding and Main Source of Agricultural Extension, 2009/2010**

Source of Extension	Total	Mixed	Animal	Plant	
Ministry of Agriculture	130	28	24	78	
Veterinary	142	33	31	78	
Media	36	3	15	18	
Whole Sailer of the Agricultural Materials	348	59	36	253	
Farmers	1,321	232	143	946	
Institutions and international bodies	11	2	3	6	
Others	559	82	152	325	
Not received extension	512	60	128	324	
Not Stated	12	-	2	10	
<b>Total</b>	<b>3,071</b>	<b>499</b>	<b>534</b>	<b>2,038</b>	

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

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

**Table 12: Number of Agricultural Holdings in Deir Al- Balah Governorate by Method of Holding Management and Type of Holding, 2009/2010**

Type of Holding	Total	Method of Holding Management			نوع الحيازة
		أحد أفراد الأسرة Member of the Holder's Family	مدير بأجر Paid Manager	الحائز Holder Himself	
Plant	2,038	354	63	1,621	نباتية
Animal	534	104	5	425	حيوانية
Mixed	499	105	13	381	مختلطة
<b>Total</b>	<b>3,071</b>	<b>563</b>	<b>81</b>	<b>2,427</b>	<b>المجموع</b>

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**Table 13: Number of Agricultural Holdings in Deir Al- Balah Governorate by Type of Holding and Area Group of Holding, 2009/2010**

Area Group of Holding in Dunum	Total	Type of Holding نوع الحيازة			
		Mixed	Animal	Plant	
Up to 2.99	1,673	154	530	989	حتى 2.99
3 - 5.99	597	119	4	474	5.99 - 3
6 - 9.99	362	98	-	264	9.99 - 6
10 - 19.99	271	76	-	195	19.99 - 10
20 - 29.99	81	19	-	62	29.99 - 20
30 - 39.99	36	17	-	19	39.99 - 30
40 - 49.99	11	4	-	7	49.99 - 40
50 - 59.99	15	2	-	13	59.99 - 50
60 - 69.99	4	1	-	3	69.99 - 60
70 - 79.99	4	3	-	1	79.99 - 70
80 +	17	6	-	11	+ 80
<b>Total</b>	<b>3,071</b>	<b>499</b>	<b>534</b>	<b>2,038</b>	
<b>Average of Holding Size (Dunum)</b>	<b>6.06</b>	<b>11.41</b>	<b>0.22</b>	<b>6.28</b>	( )

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**Table 14: Number of Agricultural Holdings in Deir Al- Balah Governorate by Type of Holdings and Land Tenure, 2009/2010**

Land Tenure	Total	Type of Holding		
		Mixed	Animal	Plant
Owned or Owned Like Possession	<b>2,915</b>	462	517	1,936
Rented	<b>100</b>	18	14	68
Held Under Atribal or Traditional Form	<b>6</b>	-	1	5
More Than One Type of Land Tenure	<b>47</b>	19	-	28
Not Stated	<b>3</b>	-	2	1
<b>Total</b>	<b>3,071</b>	<b>499</b>	<b>534</b>	<b>2,038</b>

جدول 15: عدد الحيازات الزراعية في محافظة دير البلح حسب أسلوب إدارة الحيازة وحجم أسرة الحائز، 2010/2009

**Table 15: Number of Agricultural Holdings in Deir Al- Balah Governorate by Holding Management Method and Size of Holder Household, 2009/2010**

Size of Holder Household	Total	Holding Management Method			
		Member of the Holders Family	Paid Manager	Holder Himself	
One Person	32	6	1	25	
2 - 3	347	70	17	260	3 - 2
4 - 5	560	105	15	440	5 - 4
6 - 9	1,585	273	38	1,274	9 - 6
10 +	547	109	10	428	+ 10
<b>Total</b>	<b>3,071</b>	<b>563</b>	<b>81</b>	<b>2,427</b>	

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

**Table 16: Number of Agricultural Holdings in Deir Al- Balah 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	2,038	9	1,871	-	-	158	
Animal	534	-	467	-	67	-	
Mixed	499	-	430	15	21	33	
<b>Total</b>	<b>3,071</b>	<b>9</b>	<b>2,768</b>	<b>15</b>	<b>88</b>	<b>191</b>	

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**Table 17: Number of Agricultural Holdings in Deir Al- Balah Governorate by Legal Status of Holder and Area Group of Holding , 2009/2010**

Area Group of Holding in Dunum	Total	Legal Status of Holder			
		Household	Partnership	Individual	
Up to 2.99	1,673	157	48	1468	حتى 2.99
3-5.99	597	69	34	494	3 - 5.99
6-9.99	362	55	23	284	6 - 9.99
10-19.99	271	35	25	211	10 - 19.99
20-29.99	81	12	6	63	20 - 29.99
30-39.99	36	9	1	26	30 - 39.99
40-49.99	11	2	-	9	40 - 49.99
50-59.99	15	4	3	8	50 - 59.99
60-69.99	4	2	1	1	60 - 69.99
70-79.99	4	-	1	3	70 - 79.99
80+	17	6	1	10	+ 80
<b>Total</b>	<b>3,071</b>	<b>351</b>	<b>143</b>	<b>2,577</b>	

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**Table 18: Number of Agricultural Holdings in Deir Al- Balah 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 للحائز
		Not Stated	For Sale	For Household Consuming	
An Individual	2,577	209	1,321	1,047	فرد
Partnership	143	4	95	44	شراكة
Household	351	18	164	169	أسرة
<b>Total</b>	<b>3,071</b>	<b>231</b>	<b>1,580</b>	<b>1,260</b>	<b>المجموع</b>

جدول 19: عدد الحيازات الزراعية في محافظة دير البلح حسب أسلوب إدارة الحيازة وفئات مساحة الحيازة، 2010/2009

**Table 19: Number of Agricultural Holdings in Deir Al- Balah Governorate by Method of Holding Management and Area Group of Holding, 2009/2010**

Area Group of Holding in Dunum	Total	Method of Holding Management			
		Member of the Holders Family	Paid Manager	holder Himself	
Up to 2.99	<b>1,673</b>	305	25	1343	حتى 2.99
3 - 5.99	<b>597</b>	122	16	459	3 - 5.99
6 - 9.99	<b>362</b>	63	14	285	6 - 9.99
10 - 19.99	<b>271</b>	45	12	214	10 - 19.99
20 - 29.99	<b>81</b>	12	9	60	20 - 29.99
30 - 39.99	<b>36</b>	6	2	28	30 - 39.99
40 - 49.99	<b>11</b>	3	1	7	40 - 49.99
50 - 59.99	<b>15</b>	4	1	10	50 - 59.99
60 - 69.99	<b>4</b>	-	-	4	60 - 69.99
70 - 79.99	<b>4</b>	-	-	4	70 - 79.99
80 +	<b>17</b>	3	1	13	+ 80
<b>Total</b>	<b>3,071</b>	<b>563</b>	<b>81</b>	<b>2,427</b>	المجموع

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

**Table 20: Number of Agricultural Holdings in Deir Al- Balah Governorate by Holding Management Method and Sex of Holder, 2009/2010**

Sex of Holder	Total	Holding Management Method		
		Member of the Holders Family	Paid Manager	Holder Himself
Male	2,756	459	67	2,230
Female	175	71	8	96
Co-holders are Males	124	25	5	94
Co-holders are Female	2	1	-	1
Co-holders are Males and Females	14	7	1	6
<b>Total</b>	<b>3,071</b>	<b>563</b>	<b>81</b>	<b>2,427</b>

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

**Table 21: Number of Agricultural Holdings in Deir Al- Balah Governorate by Type of Holding and Sex of Holder, 2009/2010**

Sex of Holder	Total	Type of Holding			جنس الحائز
		Mixed	Animal	Plant	
Male	<b>2,756</b>	447	469	1,840	
Female	<b>175</b>	20	55	100	
Co-holders are Males	<b>124</b>	29	8	87	
Co-holders are Females	<b>2</b>	-	-	2	
Co-holders are Both Males and Females	<b>14</b>	3	2	9	
<b>Total</b>	<b>3,071</b>	<b>499</b>	<b>534</b>	<b>2,038</b>	

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**Table 22: Number of Agricultural Holdings in Deir Al- Balah Governorate by Age Group of Holder and Area Group of Holding, 2009/2010**

Area Group of Holding in Dunum	Total	Age Groupe of Holder					
		+ 60	59 - 50	49 - 40	39 - 30	29 - 15	
Up to 2.99	<b>1,673</b>	389	422	495	278	89	حتى 2.99
3 - 5.99	<b>597</b>	150	161	158	106	22	5.99 - 3
6 - 9.99	<b>362</b>	105	88	107	53	9	9.99 - 6
10 - 19.99	<b>271</b>	95	64	67	35	10	19.99 - 10
20 - 29.99	<b>81</b>	35	16	19	9	2	29.99 - 20
30 - 39.99	<b>36</b>	19	5	5	6	1	39.99 - 30
40 - 49.99	<b>11</b>	5	1	2	2	1	49.99 - 40
50 - 59.99	<b>15</b>	3	5	3	3	1	59.99 - 50
60 - 69.99	<b>4</b>	2	-	2	-	-	69.99 - 60
70 - 79.99	<b>4</b>	2	1	1	-	-	79.99 - 70
80 +	<b>17</b>	7	4	5	1	-	+ 80
<b>Total</b>	<b>3,071</b>	<b>812</b>	<b>767</b>	<b>864</b>	<b>493</b>	<b>135</b>	<b>المجموع</b>

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**Table 23: Number of Agricultural Holdings in Deir Al- Balah Governorate by Sex of Holder and Area Group of Holding, 2009/2010**

Area Group of Holding in Dunum	Total	Sex of Holder					
		Co-holders are Males & Females	Co-holders are Females	Co-holders are Males	Female	Male	
Up to 2.99	1,673	5	1	40	134	1,493	حتى 2.99
3 - 5.99	597	4	-	30	18	545	3 - 5.99
6 - 9.99	362	-	1	22	11	328	6 - 9.99
10 - 19.99	271	1	-	23	7	240	10 - 19.99
20 - 29.99	81	3	-	3	2	73	20 - 29.99
30 - 39.99	36	-	-	1	2	33	30 - 39.99
40 - 49.99	11	-	-	-	-	11	40 - 49.99
50 - 59.99	15	1	-	2	-	12	50 - 59.99
60 - 69.99	4	-	-	1	-	3	60 - 69.99
70 - 79.99	4	-	-	1	-	3	70 - 79.99
80 +	17	-	-	1	1	15	+ 80
<b>Total</b>	<b>3,071</b>	<b>14</b>	<b>2</b>	<b>124</b>	<b>175</b>	<b>2,756</b>	

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**Table 24: Number of Agricultural Holdings in Deir Al- Balah Governorate by Size of Holder Household and Area Group of Holding, 2009/2010**

Area Group of Holding in Dunum	Total	Size of Holder Household					
		10 +	9 - 6	5 - 4	3 - 2	One Person	
Up to 2.99	<b>1,673</b>	320	853	296	186	18	حتى 2.99
3 - 5.99	<b>597</b>	104	317	110	63	3	3 - 5.99
6 - 9.99	<b>362</b>	57	190	62	49	4	6 - 9.99
10 - 19.99	<b>271</b>	37	137	58	35	4	10 - 19.99
20 - 29.99	<b>81</b>	13	49	12	7	-	20 - 29.99
30 - 39.99	<b>36</b>	11	13	8	3	1	30 - 39.99
40 - 49.99	<b>11</b>	1	6	4	-	-	40 - 49.99
50 - 59.99	<b>15</b>	-	7	6	1	1	50 - 59.99
60 - 69.99	<b>4</b>	-	4	-	-	-	60 - 69.99
70 - 79.99	<b>4</b>	2	1	-	1	-	70 - 79.99
80 +	<b>17</b>	2	8	4	2	1	+ 80
<b>Total</b>	<b>3,071</b>	<b>547</b>	<b>1,585</b>	<b>560</b>	<b>347</b>	<b>32</b>	

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**Table 25: Number of Agricultural Holdings which Use Agricultural Practices in Deir Al- Balah 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	1,014	263	-	751
Organic Fertilizers	2,140	455	-	1,685
Chemical Fertilizers	2,060	442	-	1,618
Pesticides	2,111	450	-	1,661
Biological Control	968	228	-	740
Vaccination Against Epidemical Diseases	897	411	486	-

2010/2009

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

Type of Agricultural Practice	Total	Legal Status of Holder		
		Household	Partnership	Individual
Treated and Improved Assets	<b>1,014</b>	127	64	823
Organic Fertilizers	<b>2,140</b>	255	119	1,766
Chemical Fertilizers	<b>2,060</b>	240	117	1,703
Pesticides	<b>2,111</b>	247	119	1,745
Biological Control	<b>968</b>	131	51	786
Vaccination Against Epidemical Diseases	<b>897</b>	130	35	732

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**Table 27: Number of Agricultural Holdings which Use Agricultural Practices in Deir Al- Balah 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>1,014</b>	9	3	2	10	5	20	41	146	172	243	363
Organic Fertilizers	<b>2,140</b>	17	3	3	14	10	32	69	249	324	493	926
Chemical Fertilizers	<b>2,060</b>	17	3	3	15	11	32	69	242	315	479	874
Pesticides	<b>2,111</b>	17	3	3	15	10	32	67	247	320	492	905
Biological Control	<b>968</b>	10	1	2	7	6	14	36	140	155	229	368
Vaccination Against Epidemical Diseases	<b>897</b>	6	2	1	2	3	16	17	64	87	91	608

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

**Table 28: Number of Agricultural Holdings which Use Agricultural Practices in Deir Al- Balah 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	1,014	4	680	330
Organic Fertilizers	2,140	5	1,224	911
Chemical Fertilizers	2,060	3	1,197	860
Pesticides	2,111	3	1,216	892
Biological Control	968	4	583	381
Vaccination Against Epidemical Diseases	897	-	544	353

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

**Table 29: Number of Agricultural Holdings which Use Agricultural Practices in Deir Al- Balah 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>22</b>	<b>53</b>	<b>97</b>	<b>95</b>	<b>98</b>	<b>51</b>
Male	22	51	91	89	92	50
Female	-	1	1	1	1	-
Co-holders are Male	-	1	5	5	5	1
<b>Not Agriculture</b>	<b>343</b>	<b>449</b>	<b>1,042</b>	<b>1,004</b>	<b>1,049</b>	<b>490</b>
Male	317	413	948	913	954	451
Female	10	12	35	34	36	9
Co-holders are Male	16	22	53	51	53	30
<b>Not Stated</b>	<b>10</b>	<b>12</b>	<b>16</b>	<b>16</b>	<b>17</b>	<b>9</b>
Male	6	11	15	15	16	8
Female	2	-	-	-	-	-
Co-holders are Male	2	1	1	1	1	1
<b>Not Applicable</b>	<b>522</b>	<b>454</b>	<b>956</b>	<b>945</b>	<b>976</b>	<b>464</b>
Male	451	407	849	843	867	402
Female	54	22	55	50	57	30
Co-holders are Male	13	22	45	45	46	28
Co-holders are Female	-	-	1	1	1	1
Co-holders are Male & Female	4	3	6	6	5	3
<b>Total</b>	<b>897</b>	<b>968</b>	<b>2,111</b>	<b>2,060</b>	<b>2,140</b>	<b>1,014</b>

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

**Table 30: Number of Agricultural Holdings which Use Agricultural Practices in Deir Al- Balah 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
	التطعيم ضد الأمراض الوبائية Vaccination Against Epidemical Diseases	المكافحة المتكاملة Biological Control	المبيدات الزراعية Pesticides	الأسمدة الكيماوية Chemical Fertilizers	الأسمدة العضوية Organic Fertilizers	المعالج والمحسن Treated and Improved Assets	
<b>Illiterate</b>	<b>87</b>	<b>39</b>	<b>104</b>	<b>101</b>	<b>105</b>	<b>54</b>	أمي
Male	59	28	73	74	75	36	ذكر
Female	26	7	22	19	22	10	أنثى
Co-holders are Male	1	3	7	6	6	6	شراكة ذكور
Co-holders are Male & Female	1	1	2	2	2	2	شراكة ذكور وإناث
<b>Can Read and Write</b>	<b>64</b>	<b>64</b>	<b>123</b>	<b>120</b>	<b>128</b>	<b>54</b>	ملم
Male	56	58	111	107	114	48	ذكر
Female	5	3	7	7	8	2	أنثى
Co-holders are Male	2	2	4	5	5	3	شراكة ذكور
Co-holders are Male & Female	1	1	1	1	1	1	شراكة ذكور وإناث
<b>Elementary</b>	<b>149</b>	<b>135</b>	<b>286</b>	<b>284</b>	<b>293</b>	<b>144</b>	ابتدائي
Male	136	124	264	264	270	130	ذكر
Female	9	5	11	9	11	8	أنثى
Co-holders are Male	3	6	11	11	12	6	شراكة ذكور
Co-holders are Male & Female	1	-	-	-	-	-	شراكة ذكور وإناث
<b>Preparatory</b>	<b>222</b>	<b>216</b>	<b>443</b>	<b>440</b>	<b>450</b>	<b>212</b>	إعدادي
Male	200	197	401	398	408	188	ذكر
Female	14	7	15	15	16	10	أنثى
Co-holders are Male	7	11	23	23	23	13	شراكة ذكور
Co-holders are Female	-	-	1	1	1	1	شراكة إناث
Co-holders are Male & Female	1	1	3	3	2	-	شراكة ذكور وإناث
<b>Secondary</b>	<b>199</b>	<b>210</b>	<b>466</b>	<b>453</b>	<b>469</b>	<b>244</b>	ثانوي
Male	180	185	422	410	425	224	ذكر
Female	9	9	15	14	15	5	أنثى
Co-holders are Male	10	15	27	27	27	15	شراكة ذكور
Co-holders are Male & Female	-	1	2	2	2	-	شراكة ذكور وإناث
<b>Associate Diploma</b>	<b>48</b>	<b>83</b>	<b>196</b>	<b>191</b>	<b>197</b>	<b>93</b>	دبلوم متوسط
Male	43	77	173	169	174	83	ذكر
Female	3	3	12	11	12	4	أنثى
Co-holders are Male	2	3	10	10	10	6	شراكة ذكور
Co-holders are Female	-	-	1	1	1	-	شراكة إناث
<b>Bachelor and Above</b>	<b>128</b>	<b>221</b>	<b>493</b>	<b>471</b>	<b>498</b>	<b>213</b>	بكالوريوس فأعلى
Male	122	213	459	438	463	202	ذكر
Female	-	1	9	10	10	-	أنثى
Co-holders are Male	6	6	22	20	22	11	شراكة ذكور
Co-holders are Male & Female	-	1	3	3	3	-	شراكة ذكور وإناث
<b>Total</b>	<b>897</b>	<b>968</b>	<b>2,111</b>	<b>2,060</b>	<b>2,140</b>	<b>1,014</b>	المجموع

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**Table 31: Number of Agricultural Holdings which have Field Crops in Deir Al- Balah Governorate by Agricultural Session and Type of Crop, 2009/2010**

Type of Crop	Agricultural Session		نوع المحصول
	صيفي Summer	العمرة الزراعية شتوي Winter	
Wheat	-	363	قمح
Sorghum	15	9	ذرة بيضاء
Barley	-	74	شعير
Dry Garlic	-	1	ثوم يابس
Dry Onion	-	5	بصل يابس
Dill	-	1	عين جردة
Broad Bean	1	1	فول (يابس)
Clover	4	56	برسيم

جدول 32: عدد الحيازات الزراعية التي فيها محاصيل حقلية في محافظة دير البلح حسب وضع المحصول ونوع المحصول،  
2010/2009

**Table 32: Number of Agricultural Holdings which have Field Crops in Deir Al- Balah 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	1	49	315	( )
Sorghum	-	1	23	
Barley	1	12	61	
Dry Garlic	-	1	-	
Dry Onion	-	1	4	
Dill	-	-	1	
Broad Bean	-	-	2	
Clover	-	14	46	

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

**Table 33: Number of Agricultural Holdings which have Field Crops in Deir Al- Balah Governorate by Type of Irrigation and Type of Crop, 2009/2010**

Type of Crop	نمط الري Type of Irrigation		نوع المحصول
	مروي Irrigated	بعلي Rainfed	
Wheat	113	255	
Sorghum	23	1	
Barley	16	58	
Dry Garlic	1	-	
Dry Onion	4	1	
Dill	1	-	
Broad Bean	2	-	( )
Clover	46	15	

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

**Table 34: Number of Agricultural Holdings which have Irrigated Field Crops in Deir Al- Balah 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	
Wheat	69	28	16	( )
Sorghum	-	19	4	
Barley	8	3	5	
Dry Garlic	-	1	-	
Dry Onion	-	2	2	
Broad Bean	-	2	-	
Clover	8	8	30	

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

**Table 35: Number of Agricultural Holdings which have Field Crops in Deir Al- Balah 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	11	222	حتى 2.99
3 - 5.99	7	130	3 - 5.99
6 - 9.99	-	41	6 - 9.99
10 - 19.99	-	37	10 - 19.99
20 - 29.99	-	10	20 - 29.99
30 - 39.99	-	3	30 - 39.99
40 - 49.99	-	4	40 - 49.99
50 - 59.99	-	1	50 - 59.99
60 - 69.99	-	-	60 - 69.99
70 - 79.99	-	-	70 - 79.99
80 +	-	1	+ 80

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

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

Status of Crop	Agriculture Session		وضع المحصول
	صيفي Summer	شتوي Winter	
Single	17	382	منفرد
Associated	1	72	مقترن
Mixed	-	1	مختلط

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

**Table 37: Area of Field Crops in the Deir Al- Balah Governorat by Agricultural Session, Type of Irrigation, Type of Crop and Harvested Area, 2009/2010**

Area in Dunums

Type of Crop	Harvested Area	المجموع Total	العروة الزراعية ونمط الري Agricultural Session and Type of Irrigation				( )
			صيفي Summer		شتوي Winter		
			مروي Irrigated	يعطي Rainfed	مروي Irrigated	يعطي Rainfed	
Wheat	1,855.01	1,941.91	-	-	503.89	1,438.02	
Sorghum	65.80	70.10	36.00	-	32.60	1.50	
Barley	392.57	397.87	-	-	52.48	345.39	
Dry Garlic	0.20	0.20	-	-	0.20	-	
Dry Onion	28.77	28.77	-	-	25.77	3.00	
Dill	0.25	0.25	-	-	0.25	-	
Broad Bean	15.00	21.00	1.00	-	20.00	-	( )
Clover	192.65	208.97	4.01	0.50	176.86	27.60	
<b>Total</b>	<b>2,550.25</b>	<b>2,669.07</b>	<b>41.01</b>	<b>0.50</b>	<b>812.05</b>	<b>1,815.51</b>	

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**Table 38: Area of Field Crops in Deir Al- Balah 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	<b>2,462.88</b>	40.01	2,422.87	منفرد
Associated	<b>205.64</b>	1.50	204.14	مقترن
Mixed	<b>0.55</b>	-	0.55	مختلط
<b>Total</b>	<b>2,669.07</b>	<b>41.51</b>	<b>2,627.56</b>	<b>المجموع</b>

جدول 39: مساحة المحاصيل الحقلية في محافظة دير البلح حسب العروة الزراعية وطريقة الري، 2010/2009  
**Table 39: Area of Field Crops in Deir Al- Balah 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	شئوي Winter	
Rainfed	1,816.01	0.50	1,815.51	بعلي
Artificial	146.36	6.01	140.35	سطحي
Drip	297.65	33.00	264.65	تنقيط
Sprinklers	409.05	2.00	407.05	رشاشات
<b>Total</b>	<b>2,669.07</b>	<b>41.51</b>	<b>2,627.56</b>	<b>المجموع</b>

جدول 40: مساحة المحاصيل الحقلية في محافظة دير البلح حسب وضع المحصول وطريقة الري، 2010/2009  
**Table 40: Area of Field Crops in Deir Al- Balah Governorate by Status of Crop and Method of Irrigation, 2009/2010**

Area in Dunums

المساحة بالدونم

Method of Irrigation	Status of Crop			وضع المحصول	طريقة الري
	المجموع Total	مختلط Mixed	مقترن Associated	منفرد Single	
Rainfed	1,816.01	0.55	135.56	1,679.90	بعلي
Artificial	146.36	-	10.96	135.40	سطحي
Drip	297.65	-	18.52	279.13	تنقيط
Sprinklers	409.05	-	40.60	368.45	رشاشات
<b>Total</b>	<b>2,669.07</b>	<b>0.55</b>	<b>205.64</b>	<b>2,462.88</b>	المجموع

جدول 41: عدد الحيازات الزراعية التي فيها خضراوات في محافظة دير البلح حسب العروة الزراعية ونوع المحصول، 2010/2009

**Table 41: Number of Agricultural Holdings which have Vegetables in Deir Al- Balah 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	-	10	5	5	ذرة صفراء
White Cabbage	2	7	2	63	ملفوف أبيض
Red Cabbage	-	1	-	4	ملفوف أحمر
Cauliflower	3	18	7	65	قرنبيط
Lettuce	-	-	1	4	خس
Spinach	1	2	1	11	سبانخ
Jew's Mallow	1	13	1	13	ملوخية
Parsley	-	7	4	15	بققدونس
Chard	-	-	1	6	سلق
Arugula	-	3	-	5	جرجير
Cucumber	5	26	8	53	خيار
Snake cucumber	-	1	1	7	فقوس
Eggplant	5	99	9	52	بادنجان
Tomato	5	44	7	147	بندورة
Water Melon	1	9	1	4	بطيخ
Muskmelon	-	5	5	4	شمام
Squash	5	22	9	66	كوسا
Gourd	-	1	-	-	قرع
Pumpkin	-	1	-	-	يقطين
Okra	1	27	13	26	بامية
Carrot	-	2	1	12	جزر
Turnip	-	-	2	2	لفت
Garlic (green)	-	1	-	4	ثوم أخضر
Onion (green)	-	2	2	35	بصل أخضر
Radish	-	1	-	8	فجل
Potato	2	5	1	27	بطاطا عادية
Taro	-	-	-	1	قلقاس
Hot Pepper	3	51	11	65	فلفل حار
Dill	-	-	-	4	عين جرادة
Ment	-	1	1	-	نعناع
Broad Bean (green)	-	1	3	18	فول أخضر
Cowpea	-	4	-	1	لوبياء (خضراء)
Peas (green)	1	-	-	39	بازيلاء (خضراء)
Sugarcane	-	-	-	1	قصب السكر

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**Table 42: Number of Agricultural Holdings which have Vegetables in Deir Al- Balah 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	-	1	19		
White Cabbage	3	5	65		
Red Cabbage	-	1	3		
Cauliflower	2	4	84		
Lettuce	-	1	4		
Spinach	-	5	10		
Jew's Mallow	3	9	16		
Parsley	4	3	19		
Chard	-	2	5		
Arugula	1	3	4		
Cucumber	1	3	86		
Snake cucumber	-	-	9		
Eggplant	4	18	139		
Tomato	1	10	184		
Water Melon	-	-	15		
Muskmelon	-	-	14		
Squash	-	9	90		
Gourd	-	-	1		
Pumpkin	-	-	1		
Okra	1	7	58		
Carrot	1	-	14		
Turnip	-	-	4		
Garlic (green)	-	3	2		
Onion (green)	-	14	24		
Radish	-	2	7		
Potato	1	11	22		
Taro	-	1	-		
Hot Pepper	2	15	111		
Dill	1	-	3		
Ment	-	1	1		
Broad Bean (green)	1	4	17		
Cowpea	-	1	4		( )
Peas (green)	3	10	27		( )
Sugarcane	-	1	-		

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

Table 43: Number of Agricultural Holdings which have Vegetables in Deir Al- Balah Governorate by Type of Irrigation and Type of Crop, 2009/2010

Type of Crop	نمط الري		نوع المحصول
	مروي Irrigated	بعلي Rainfed	
Maize	20	-	ذرة صفراء
White Cabbage	73	-	ملفوف أبيض
Red Cabbage	4	-	ملفوف أحمر
Cauliflower	90	-	قرنبيط
Lettuce	5	-	خس
Spinach	15	-	سبانخ
Jew's Mallow	28	-	ملوخية
Parsley	26	-	بقونس
Chard	7	-	سلق
Arugula	8	-	جرجير
Cucumber	90	-	خيار
Snake cucumber	9	-	فقوس
Eggplant	159	2	باننجان
Tomato	195	-	بندورة
Water Melon	14	1	بطيخ
Muskmelon	14	-	شمام
Squash	97	-	كوسا
Gourd	1	-	قرع
Pumpkin	1	-	يقطين
Okra	65	1	بامية
Carrot	15	-	جزر
Turnip	4	-	لفت
Garlic (green)	5	-	ثوم أخضر
Onion (green)	38	-	بصل أخضر
Radish	9	-	فجل
Potato	34	-	بطاطا عادية
Taro	1	-	قلقاس
Hot Pepper	126	2	فلفل حار
Dill	4	-	عين جرادة
Ment	2	-	نعناع
Broad Bean (green)	22	-	فول أخضر
Cowpea	5	-	لوبياء (خضراء)
Peas (green)	37	3	بازيلاء (خضراء)
Sugarcane	1	-	قصب السكر

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

**Table 44: Number of Agricultural Holdings which have Irrigated Vegetables in Deir Al- Balah 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	-	17	3	
White Cabbage	-	64	9	
Red Cabbage	-	3	1	
Cauliflower	-	85	5	
Lettuce	-	3	2	
Spinach	-	12	3	
Jew's Mallow	-	19	9	
Parsley	1	20	5	
Chard	-	5	2	
Arugula	-	6	2	
Cucumber	-	88	2	
Snake cucumber	-	9	-	
Eggplant	4	138	19	
Tomato	2	185	8	
Water Melon	-	14	-	
Muskmelon	1	13	-	
Squash	2	89	6	
Gourd	-	1	-	
Pumpkin	-	1	-	
Okra	1	60	4	
Carrot	-	11	4	
Turnip	-	4	-	
Garlic (green)	-	1	4	
Onion (green)	-	27	11	
Radish	-	7	2	
Potato	-	26	8	
Taro	-	-	1	
Hot Pepper	-	111	15	
Dill	1	1	2	
Ment	-	2	-	
Broad Bean (green)	-	21	1	
Cowpea	-	5	-	( )
Peas (green)	-	23	14	( )
Sugarcane	-	-	1	

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

**Table 45: Number of Agricultural Holdings which have Vegetables in Deir Al- Balah 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	22	146	43	268	حتى 2.99
3 - 5.99	8	52	25	96	5.99 - 3
6 - 9.99	1	27	7	37	9.99 - 6
10 - 19.99	1	14	2	35	19.99 - 10
20 - 29.99	-	5	1	10	29.99 - 20
30 - 39.99	-	1	1	1	39.99 - 30
80 +	-	1	-	1	+ 80

جدول 46: عدد الحيازات الزراعية التي فيها خضراوات في محافظة دير البلح حسب نمط الري ونوع الحماية والعروة الزراعية، 2010/2009

Table 46: Area of Vegetables in Deir Al- Balah Governorate by Type of Irrigation, Type of Protection and Agricultural Session 2009/2010

Area in Dunum

المساحة بالدونم

Agricultural Session	Type of Irrigation and Protection			نمط الري ونوع الحماية		العروة 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	68	4	233	252	3	شتوي
Spring	17	-	27	64	1	ربيعي
Summer	32	4	62	221	3	صيفي
Autumn	7	-	13	21	1	خريفي

جدول 47: مساحة الخضراوات في محافظة دير البلح حسب العروة الزراعية ونوع المحصول، 2010/2009  
**Table 47: Area of Vegetables in Deir Al- Balah Governorate by Agricultural Session and Type of Crop, 2009/2010**

Type of Crop	العروة الزراعية					نوع المحصول
	المجموع Total	خريفي Autumn	صيفي Summer	ربيعي Spring	شتوي Winter	
Maize	83.00	-	34.00	21.50	27.50	
White Cabbage	223.22	14.00	26.50	2.50	180.22	
Red Cabbage	6.10	-	1.00	-	5.10	
Cauliflower	310.82	5.00	56.30	44.00	205.52	
Lettuce	2.01	-	-	0.50	1.51	
Spinach	13.47	3.00	1.30	0.13	9.04	
Jew's Mallow	28.94	0.02	10.67	0.20	18.05	
Parsley	31.68	-	10.04	13.50	8.14	
Chard	2.11	-	-	0.13	1.98	
Arugula	1.22	-	0.15	-	1.07	
Cucumber	176.06	9.40	55.60	24.50	86.56	
Snake cucumber	25.59	.	10.50	2.50	12.59	
Eggplant	559.90	6.90	349.25	38.11	165.64	
Tomato	579.72	14.52	211.10	11.69	342.41	
Water Melon	62.34	3.00	42.34	3.00	14.00	
Muskmelon	41.90	-	22.40	14.00	5.50	
Squash	385.88	14.50	74.80	20.00	276.58	
Gourd	0.50	-	0.50	-	-	
Pumpkin	2.00	-	2.00	-	-	
Okra	195.71	1.00	92.10	44.61	58.00	
Carrot	63.98	-	7.50	15.00	41.48	
Turnip	4.18	-	-	2.00	2.18	
Garlic (green)	4.25	-	0.05	-	4.20	
Onion (green)	101.81	-	2.10	5.35	94.36	
Radish	6.00	-	0.50	-	5.50	
Potato	213.61	5.00	26.10	1.00	181.51	
Hot Pepper	226.79	5.70	79.80	41.01	100.28	
Ment	2.50	-	2.00	0.50	-	
Broad Bean (green)	55.93	-	0.10	8.00	47.83	
Cowpea	5.80	-	4.80	-	1.00	( )
Peas (green)	111.63	0.50	-	-	111.13	( )
qulqas	0.25	-	-	-	0.25	
Dill	1.17	-	-	-	1.17	
Sugarcane	0.01	-	-	-	0.01	
<b>Total</b>	<b>3,530.08</b>	<b>82.54</b>	<b>1,123.50</b>	<b>313.73</b>	<b>2,010.31</b>	

جدول 48: مساحة الخضراوات في محافظة دير البلح حسب وضع المحصول ونوع المحصول، 2010/2009  
**Table 48: Area of Vegetables in Deir Al- Balah Governorate by Status of Crops and Type of Crop, 2009/2010**

Type of Crop	وضع المحصول				نوع المحصول
	Status of Crop				
	المجموع Total	مختلط Mixed	مقترن Associated	منفرد Single	
Maize	83.00	-	3.00	80.00	
White Cabbage	223.22	0.70	6.55	215.97	
Red Cabbage	6.10	-	0.10	6.00	
Cauliflower	310.82	4.20	6.75	299.87	
Lettuce	2.01	-	0.50	1.51	
Spinach	13.47	-	1.93	11.54	
Jew's Mallow	28.94	0.60	4.52	23.82	
Parsley	31.68	0.90	4.54	26.24	
Chard	2.11	-	0.43	1.68	
Arugula	1.22	0.50	0.44	0.28	
Cucumber	176.06	0.50	1.00	174.56	
Snake cucumber	25.59	-	.	25.59	
Eggplant	559.90	4.00	15.90	540.00	
Tomato	579.72	0.50	3.54	575.68	
Water Melon	62.34	-	-	62.34	
Muskmelon	41.90	-	-	41.90	
Squash	385.88	-	18.52	367.36	
Gourd	0.50	-	-	0.50	
Pumpkin	2.00	-	-	2.00	
Okra	195.71	2.00	18.31	175.40	
Carrot	63.98	4.00	-	59.98	
Turnip	4.18	-	-	4.18	
Garlic (green)	4.25	-	0.65	3.60	
Onion (green)	101.81	-	5.68	96.13	
Radish	6.00	-	0.70	5.30	
Potato	213.61	0.40	28.86	184.35	
Hot Pepper	226.79	0.55	7.01	219.23	
Ment	2.50	-	0.50	2.00	
Broad Bean (green)	55.93	0.10	6.85	48.98	
Cowpea	5.80	-	0.30	5.50	( )
Peas (green)	111.63	0.75	12.96	97.92	( )
qulqas	0.25	-	0.25	-	
Dill	1.17	0.05	-	1.12	
Sugarcane	0.01	-	0.01	-	
<b>Total</b>	<b>3,530.08</b>	<b>19.75</b>	<b>149.80</b>	<b>3,360.53</b>	

جدول 49: مساحة الخضراوات في محافظة دير البلح حسب نمط الري ونوع الحماية ونوع المحصول والمساحة المحصودة، 2010/2009

Table 49: Area of Vegetables in Deir Al- Balah 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	Type of Irrigation			نمط الري		نوع المحصول
			Type of Protection			مكشوف مروي Open Irrigated	مكشوف بعلي Open Rainfed	
			بيوت بلاستيكية Plastic House	أنفاق فرنسية French Tunnel	أنفاق أرضية Surface Tunnel			
Maize	83.00	83.00	-	-	-	83.00	-	
White Cabbage	216.97	223.22	4.00	-	-	219.22	-	
Red Cabbage	6.10	6.10	-	-	-	6.10	-	
Cauliflower	265.05	310.82	-	-	-	310.82	-	
Lettuce	2.01	2.01	-	-	-	2.01	-	
Spinach	13.09	13.47	3.00	-	-	10.47	-	
Jew's Mallow	21.70	28.94	17.50	2.00	-	9.44	-	
Parsley	27.98	31.68	-	-	-	31.68	-	
Chard	1.91	2.11	-	-	-	2.11	-	
Arugula	1.22	1.22	-	-	-	1.22	-	
Cucumber	156.56	176.06	116.72	-	0.40	58.94	-	
Snake cucumber	25.00	25.59	10.59	-	2.00	13.00	-	
Eggplant	513.51	559.90	44.09	8.00	113.50	393.31	1.00	
Tomato	481.83	579.72	390.03	3.20	9.55	176.94	-	
Water Melon	60.31	62.34	12.74	-	5.00	41.60	3.00	
Muskmelon	40.60	41.90	17.80	-	3.00	21.10	-	
Squash	368.80	385.88	38.95	-	228.46	118.47	-	
Gourd	0.50	0.50	-	-	-	0.50	-	
Pumpkin	2.00	2.00	-	-	-	2.00	-	
Okra	185.80	195.71	21.00	-	31.00	139.96	3.75	
Carrot	53.70	63.98	3.00	-	-	60.98	-	
Turnip	2.68	4.18	-	-	-	4.18	-	
Garlic (green)	4.20	4.25	-	-	-	4.25	-	
Onion (green)	97.96	101.81	-	-	-	101.81	-	
Radish	6.00	6.00	-	-	-	6.00	-	
Potato	203.85	213.61	-	-	-	213.61	-	
Hot Pepper	205.35	226.79	107.65	2.00	3.75	112.39	1.00	
Ment	2.50	2.50	-	-	-	2.50	-	
Broad Bean (green)	55.93	55.93	-	-	-	55.93	-	
Cowpea	5.70	5.80	1.00	-	-	4.80	-	( )
Peas (green)	109.77	111.63	-	-	-	107.13	4.50	( )
qulqas	0.25	0.25	-	-	-	0.25	-	
Dill	1.12	1.17	-	-	-	1.17	-	
Sugarcane	0.01	0.01	-	-	-	0.01	-	
<b>Total</b>	<b>3,222.96</b>	<b>3,530.08</b>	<b>788.07</b>	<b>15.20</b>	<b>396.66</b>	<b>2,316.90</b>	<b>13.25</b>	

جدول 50: مساحة الخضراوات المروية في محافظة دير البلح حسب نمط الري وطريقة الري ونوع المحصول، 2010/2009  
**Table 50: Area of Irrigated Vegetables in Deir Al- Balah 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	83.00	-	-	-	-	70.50	12.50	
White Cabbage	223.22	-	4.00	-	-	202.47	16.75	
Red Cabbage	6.10	-	-	-	-	6.00	0.10	
Cauliflower	310.82	-	-	-	-	293.82	17.00	
Lettuce	2.01	-	-	-	-	1.50	0.51	
Spinach	13.47	-	3.00	-	-	7.37	3.10	
Jew's Mallow	28.94	-	19.50	-	-	6.84	2.60	
Parsley	31.68	-	-	-	0.50	30.04	1.14	
Chard	2.11	-	-	-	-	1.79	0.32	
Arugula	1.22	-	-	-	-	1.17	0.05	
Cucumber	176.06	-	116.62	0.50	-	58.79	0.15	
Snake cucumber	25.59	-	12.59	-	-	13.00	-	
Eggplant	558.90	15.00	147.59	3.00	-	356.78	36.53	
Tomato	579.72	7.00	393.28	2.50	-	174.29	2.65	
Water Melon	59.34	-	17.74	-	-	41.60	-	
Muskmelon	41.90	3.00	17.80	-	-	21.10	-	
Squash	385.88	14.00	246.41	7.00	-	113.95	4.52	
Gourd	0.50	-	-	-	-	0.50	-	
Pumpkin	2.00	-	-	-	-	2.00	-	
Okra	191.96	4.00	48.00	-	-	136.01	3.95	
Carrot	63.98	-	3.00	-	-	30.98	30.00	
Turnip	4.18	-	-	-	-	4.18	-	
Garlic (green)	4.25	-	-	-	-	0.60	3.65	
Onion (green)	101.81	-	-	-	-	97.88	3.93	
Radish	6.00	-	-	-	-	5.49	0.51	
Potato	213.61	-	-	-	-	207.95	5.66	
Hot Pepper	225.79	-	107.90	5.50	-	111.32	1.07	
Ment	2.50	-	-	-	-	2.50	-	
Broad Bean (green)	55.93	-	-	-	-	55.91	0.02	
Cowpea	5.80	-	-	-	-	4.80	-	( )
Peas (green)	107.13	-	-	-	-	91.60	15.53	( )
qulqas	0.25	-	-	-	-	-	0.25	
Dill	1.17	-	-	-	-	0.12	0.55	
Sugarcane	0.01	-	-	-	-	-	0.01	
<b>Total</b>	<b>3,516.83</b>	<b>43.00</b>	<b>1,138.43</b>	<b>18.50</b>	<b>1.00</b>	<b>2,152.85</b>	<b>163.05</b>	

جدول 51: مساحة الخضراوات في محافظة دير البلح حسب وضع المحصول والعروة الزراعية، 2010/2009  
**Table 51: Area of Vegetables in Deir Al- Balah Governorate by Status of Crop and Agricultural Session, 2009/2010**

Agricultural Session	المجموع Total	Status of Crop			العروة الزراعية
		وضع المحصول			
		مختلط Mixed	مقترن Associated	منفرد Single	
Winter	2,010.31	3.75	81.45	1,925.11	شتوي
Spring	313.73	-	9.08	304.65	ربيعي
Summer	1,123.50	15.50	57.27	1,050.73	صيفي
Autumn	82.54	0.50	2.00	80.04	خريفي
<b>Total</b>	<b>3,530.08</b>	<b>19.75</b>	<b>149.80</b>	<b>3,360.53</b>	<b>المجموع</b>

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

Table 52: Area of Vegetables in Deir Al- Balah Governorate by Type of Irrigation, Method of Irrigation and Agricultural Session, 2009/2010

Area in Dunum

المساحة بالدونم

Agricultural Session	المجموع Total	نمط وطريقة الري							العروة الزراعية
		Protected محمي			Open Irrigated مكشوف مروي			مكشوف بعلي Open Rainfed	
		رشاشات Sprinkler	تنقيط Drip	سطحي Surface	رشاشات Sprinkler	تنقيط Drip	سطحي Surface		
Winter	2,010.31	40.00	962.17	9.00	0.50	912.78	81.36	4.50	شتوي
Spring	313.73	3.00	50.70	-	-	233.03	24.00	3.00	ربيعي
Summer	1,123.50	-	91.64	6.50	0.50	963.44	56.67	4.75	صيفي
Autumn	82.54	-	33.92	3.00	-	43.60	1.02	1.00	خريفي
<b>Total</b>	<b>3,530.08</b>	<b>43.00</b>	<b>1,138.43</b>	<b>18.50</b>	<b>1.00</b>	<b>2,152.85</b>	<b>163.05</b>	<b>13.25</b>	المجموع

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

Table 53: Area of Vegetables in Deir Al- Balah Governorate by Type of Irrigation, Type of Protection and Agricultural Session, 2009/2010

Agricultural Session	المجموع Total	Type of Irrigation and Type of Protection			نمط الري ونوع الحماية		العروة الزراعية
		Type of protection			مكتشوف مروي Open Irrigated	مكتشوف بعلي Open Rainfed	
		بيوت بلاستيكية Plastic House	أنفاق فرنسية French Tunnel	أنفاق أرضية Surface Tunnel			
Winter	2,010.31	647.76	8.20	355.21	994.64	4.50	شتوي
Spring	313.73	36.70	-	17.00	257.03	3.00	ربيعي
Summer	1,123.50	78.14	7.00	13.00	1,020.61	4.75	صيفي
Autumn	82.54	25.47	-	11.45	44.62	1.00	خريفي
<b>Total</b>	<b>3,530.08</b>	<b>788.07</b>	<b>15.20</b>	<b>396.66</b>	<b>2,316.90</b>	<b>13.25</b>	المجموع

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

Table 54: Area of Vegetables in Deir Al- Balah 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	
		Type and Method of Irrigation			مكشوف مروي				
		Protected محمي			Open Irrigated				
		رشاشات Sprinkler	تنقيط Drip	سطحي Surface	رشاشات Sprinkler	تنقيط Drip	سطحي Surface	مكشوف بعلي Open Rainfed	
Single	3,360.53	43.00	1119.88	18.50	1.00	2018.66	147.24	12.25	منفرد
Associated	149.80	-	18.55	-	-	117.54	13.71	-	مقترن
Mixed	19.75	-	-	-	-	16.65	2.10	1.00	مختلط
<b>Total</b>	<b>3,530.08</b>	<b>43.00</b>	<b>1138.43</b>	<b>18.50</b>	<b>1.00</b>	<b>2152.85</b>	<b>163.05</b>	<b>13.25</b>	<b>المجموع</b>

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

Table 55: Area of Vegetables in Deir Al- Balah 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 Open Rainfed	
		بيوت بلاستيكية Plastic House	أنفاق فرنسية French Tunnel	أنفاق أرضية Surface Tunnel			
Single	3,360.53	786.52	15.20	379.66	2,166.90	12.25	منفرد
Associated	149.80	1.55	-	17.00	131.25	-	مقترن
Mixed	19.75	-	-	-	18.75	1.00	مختلط
<b>Total</b>	<b>3,530.08</b>	<b>788.07</b>	<b>15.20</b>	<b>396.66</b>	<b>2,316.90</b>	<b>13.25</b>	<b>المجموع</b>

2010/2009

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**Table 56: Number of Agricultural Holdings which have Tree Horticulture in Deir Al- Balah Governorate by Status of Crop and Type of Crop, 2009/2010**

Type of Crop	Status of Crop			
	Mixed	Associated	Single	
Avocado	1	-	-	
Banana	1	-	1	
Date	183	33	335	
Fig	58	10	48	
Sycamore Fig	-	-	1	
Mango	1	-	-	
Aloe	-	-	1	
Loquat	1	-	1	
Guava	53	5	58	
Custard apple	3	-	-	
Grapefruit	5	1	11	
Bomaly	4	1	-	
Lemon	115	19	207	
Orange, Valencia Orange	68	11	188	
Shammoty Orange	2	-	2	
Navel Orange	3	1	9	
Francawy Orange	3	-	2	
Zaglol Orange	-	-	1	
Mandarin	1	-	-	
Clement	28	5	65	
Poppy	1	-	3	
Other Citrus	15	3	17	
Grape	35	6	111	
Berry	2	2	-	
Apple	3	-	1	
Apricot	5	1	5	
Cherry	1	-	-	
Peach	8	2	-	( )
Pears	1	-	-	
Plum	1	-	-	
Almond (hard)	6	-	21	
Walnut	3	-	-	
Pomegranate	23	4	17	
jujube	1	1	-	
Other Trees	14	-	10	
Olive	238	117	1,451	

2010/2009

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**Table 57: Number of Agricultural Holdings which have Tree Horticulture in Deir Al- Balah Governorate by Type of Irrigation and Type of Crop, 2009/2010**

Type of Crop	Type of Irrigation			
	Protected	Open Irrigated	Rainfed	
Avocado	-	1	-	
Banana	-	2	-	
Date	1	501	48	
Fig	-	102	14	
Sycamore Fig	-	1	-	
Mango	-	1	-	
Aloe	-	-	1	
Loquat	-	2	-	
Guava	-	114	2	
Custard apple	-	3	-	
Grapefruit	-	17	-	
Bomaly	-	5	-	
Lemon	-	331	6	
Orange, Valencia Orange	-	264	3	
Shamoty Orange	-	4	-	
Navel Orange	-	12	1	
Francawy Orange	-	4	1	
Zaglol Orange	-	1	-	
Mandarin	-	1	-	
Clement	1	96	2	
Poppy	-	4	-	
Other Citrus	-	35	1	
Grape	-	116	39	
Berry	-	4	-	
Apple	-	4	-	
Apricot	-	10	1	
Cherry	-	1	-	
Peach	-	10	-	( )
Pears	-	1	-	
Plum	-	1	-	
Almond (hard)	-	24	3	
Walnut	-	3	-	
Pomegranate	-	41	3	
jujube	-	2	-	
Other Trees	-	24	-	
Olive	-	1,656	122	

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

Type of Crop	Method of Irrigation			
	Sprinkler	Drip	Surface	
Avocado	-	-	1	
Banana	-	1	1	
Date	-	79	427	
Fig	-	17	85	
Mango	-	-	1	
Loquat	-	-	2	
Guava	-	25	89	
Custard apple	-	1	2	
Grapefruit	-	1	16	
Bomaly	-	1	4	
Lemon	-	74	258	
Orange, Valencia Orange	-	46	220	
Shammoty Orange	-	-	4	
Navel Orange	-	4	8	
Francaawy Orange	-	-	4	
Mandarin	-	1	-	
Clement	1	30	67	
Poppy	-	-	4	
Other Citrus	-	6	29	
Grape	-	34	82	
Berry	-	1	3	
Apple	-	1	3	
Apricot	-	3	7	
Cherry	-	-	1	
Peach	-	5	5	( )
Pears	-	1	-	
Plum	-	-	1	
Almond (hard)	-	7	17	
Walnut	-	-	3	
Pomegranate	-	11	30	
Other Trees	-	6	18	
Olive	1	320	1,368	
Sycamore Fig	-	-	1	
Zaglol Orange	-	1	-	
jujube	-	1	1	

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**Table 59: Number and Area of Bearing and Unbearing Horticulture Trees in Deir Al- Balah 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	-	-	0.05	2.00	-	-	-	-	-	-	0.05	2
Banana	0.28	6	-	-	-	-	-	-	0.28	6	-	-
Date	54.36	384	776.85	17,261	21.15	163	274.61	6,858	33.21	221	502.24	10,403
Fig	4.60	25	153.83	2,690	0.09	2	92.13	1,394	4.51	23	61.70	1,296
Mango	-	-	0.03	2	-	-	-	-	-	-	0.03	2
Aloe	-	-	0.25	10	-	-	-	-	-	-	0.25	10
Loquat	-	-	1.07	27	-	-	-	-	-	-	1.07	27
Guava	30.81	477	100.52	3,420	0.80	15	7.53	281	30.01	462	92.99	3,139
Custard apple	-	-	0.14	5	-	-	-	-	-	-	0.14	5
Grapefruit	1.41	29	41.12	1,687	-	-	0.49	22	1.41	29	40.63	1,665
Bomaly	0.15	3	0.14	6	-	-	0.05	2	0.15	3	0.09	4
Lemon	98.20	1,644	363.39	16,230	13.51	216	58.28	2,670	84.69	1,428	305.11	13,560
Orange, Valencia Orange	135.57	2,410	1,229.75	49,366	10.89	178	62.41	2,223	124.68	2,232	1,167.34	47,143
Shamoty Orange	0.11	4	4.07	151	-	-	-	-	0.11	4	4.07	151
Navel Orange	4.80	100	13.21	509	-	-	2.81	109	4.80	100	10.40	400
Francahy Orange	-	-	5.12	245	-	-	2.00	140	-	-	3.12	105
Mandarin	0.36	2	-	-	-	-	-	-	0.36	2	-	-
Clement	32.82	710	135.63	6,828	3.60	75	17.50	755	29.22	635	118.13	6,073
Poppy	0.39	16	2.49	170	0.10	7	-	-	0.29	9	2.49	170
Other Citrus	7.39	132	12.57	509	3.20	52	1.43	66	4.19	80	11.14	443

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**Table 59 (Cont): Number and Area of Bearing and Unbearing Horticulture Trees in Deir Al- Balah 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	135.99	2,767	213.29	15,432	5.70	153	11.45	688	130.29	2,614	201.84	14,744
Berry	0.44	6	0.15	3	-	-	-	-	0.44	6	0.15	3
Apple	-	-	1.24	48	-	-	-	-	-	-	1.24	48
Apricot	0.22	3	4.59	166	-	-	-	-	0.22	3	4.59	166
Cherry	-	-	0.10	3	-	-	-	-	-	-	0.10	3
Peach	0.56	6	0.59	33	-	-	0.06	4	0.56	6	0.53	29
Pears	-	-	0.10	3	-	-	-	-	-	-	0.10	3
Plum	0.08	1	-	-	-	-	-	-	0.08	1	-	-
Almond (hard)	-	-	55.61	1,833	-	-	0.22	7	-	-	55.39	1,826
Walnut	-	-	0.55	14	-	-	0.49	12	-	-	0.06	2
Pomegranate	2.18	45	11.07	463	0.10	2	1.62	65	2.08	43	9.45	398
Other Trees	5.25	67	6.36	282	-	-	1.62	49	5.25	67	4.74	233
Olive	354.89	2,676	5,286.96	109,591	77.95	456	912.46	22,502	276.94	2,220	4,374.50	87,089
Sycamore Fig	-	-	0.05	1	-	-	-	-	-	-	0.05	1
Zaglol Orange	-	-	1.00	30	-	-	-	-	-	-	1.00	30
jujube	0.04	3	0.02	1	-	-	-	-	0.04	3	0.02	1
<b>Total</b>	<b>870.90</b>	<b>11,516</b>	<b>8,421.91</b>	<b>227,021</b>	<b>137.09</b>	<b>1,319</b>	<b>1,447.16</b>	<b>37,847</b>	<b>733.81</b>	<b>10,197</b>	<b>6,974.75</b>	<b>189,174</b>

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

Table 60: Number and Area of Bearing Horticulture Trees in Deir Al- Balah 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	المجموع	Mixed	مختلط	Associated	مقترن	Single	منفرد	
	المساحة	العدد	المساحة	العدد	المساحة	العدد	المساحة	العدد	
	Area	Number	Area	Number	Area	Number	Area	Number	
Avocado	0.05	2	0.05	2	-	-	-	-	
Banana	0.28	6	0.20	5	-	-	0.08	1	
Date	535.45	10,624	71.84	2,023	26.22	543	437.39	8,058	
Fig	66.21	1,319	10.89	269	4.65	97	50.67	953	
Sycamore Fig	0.05	1	-	-	-	-	0.05	1	
Mango	0.03	2	0.03	2	-	-	-	-	
Aloe	0.25	10	-	-	-	-	0.25	10	
Loquat	1.07	27	0.07	2	-	-	1.00	25	
Guava	123.00	3,601	10.71	378	1.47	44	110.82	3,179	
Custard apple	0.14	5	0.14	5	-	-	-	-	
Grapefruit	42.04	1,694	3.55	234	-	-	38.49	1,460	
Bomaly	0.24	7	0.24	7	-	-	-	-	
Lemon	389.80	14,988	78.22	3,467	4.22	169	307.36	11,352	
Orange, Valencia	1,292.02	49,375	43.64	1,150	10.84	478	1,237.54	47,747	
Orange									
Shamoty Orange	4.18	155	0.21	10	-	-	3.97	145	
Navel Orange	15.20	500	2.40	70	-	-	12.80	430	
Francaawy Orange	3.12	105	0.12	5	-	-	3.00	100	
Zaglol Orange	1.00	30	-	-	-	-	1.00	30	
Mandarin	0.36	2	0.36	2	-	-	-	-	
Clement	147.35	6,708	4.08	160	0.29	12	142.98	6,536	
Poppy	2.78	179	0.10	2	-	-	2.68	177	
Other Citrus	15.33	523	3.77	132	0.39	27	11.17	364	
Grape	332.13	17,358	7.44	251	9.47	573	315.22	16,534	
Berry	0.59	9	0.15	3	0.44	6	-	-	
Apple	1.24	48	0.24	8	-	-	1.00	40	
Apricot	4.81	169	0.59	15	0.02	1	4.20	153	
Peach	1.09	35	0.93	28	0.16	7	-	-	( )
Pears	0.10	3	0.10	3	-	-	-	-	
Plum	0.08	1	0.08	1	-	-	-	-	
Almond (hard)	55.39	1,826	0.60	26	-	-	54.79	1,800	
Walnut	0.06	2	0.06	2	-	-	-	-	
Pomegranate	11.53	441	2.74	88	0.18	12	8.61	341	
jujube	0.06	4	0.02	1	0.04	3	-	-	
Other Trees	9.99	300	3.19	66	-	-	6.80	234	
Olive	4,651.44	89,309	219.35	5,302	172.93	3,545	4,259.16	80,462	
<b>Total</b>	<b>7,708.56</b>	<b>199,371</b>	<b>466.21</b>	<b>13,722</b>	<b>231.32</b>	<b>5,517</b>	<b>7,011.03</b>	<b>180,132</b>	

**جدول 61: عدد ومساحة أشجار البستنة غير المثمرة في محافظة دير البلح حسب وضع المحصول ونوع المحصول، كما هو في 2010/10/01**  
**Table 61: Number and Area of Unbearing Horticulture Trees in Deir Al- Balah 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	
Date	295.76	7,021	55.66	1,625	12.20	489	227.90	4,907	
Fig	92.22	1,396	1.05	22	0.05	2	91.12	1,372	
Guava	8.33	296	0.43	12	4.10	162	3.80	122	
Grapefruit	0.49	22	0.04	2	0.05	2	0.40	18	
Bomaly	0.05	2	-	-	0.05	2	-	-	
Lemon	71.79	2,886	3.29	103	8.01	576	60.49	2,207	
Orange, Valencia Orange	73.30	2,401	4.04	158	1.08	56	68.18	2,187	
Navel Orange	2.81	109	0.06	5	0.05	4	2.70	100	
Francawy Orange	2.00	140	-	-	-	-	2.00	140	
Clement	21.10	830	0.18	9	0.10	2	20.82	819	
Poppy	0.10	7	-	-	-	-	0.10	7	
Other Citrus	4.63	118	1.20	40	0.24	12	3.19	66	
Grape	17.15	841	0.81	30	0.20	5	16.14	806	
Peach	0.06	4	0.06	4	-	-	-	-	( )
Almond (hard)	0.22	7	0.02	2	-	-	0.20	5	
Walnut	0.49	12	0.49	12	-	-	-	-	
Pomegranate	1.72	67	0.24	8	0.18	4	1.30	55	
Other Trees	1.62	49	1.62	49	-	-	-	-	
Olive	990.41	22,958	54.30	1,624	129.36	3,009	806.75	18,325	
<b>Total</b>	<b>1,584.25</b>	<b>39,166</b>	<b>123.49</b>	<b>3,705</b>	<b>155.67</b>	<b>4,325</b>	<b>1,305.09</b>	<b>31,136</b>	

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

Table 62: Number and Area of Bearing Horticulture Trees in Deir Al- Balah 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	0.05	2	0.05	2	-	-	
Banana	0.28	6	0.28	6	-	-	
Date	535.45	10,624	478.22	9,821	57.23	803	
Fig	66.21	1,319	46.62	1,005	19.59	314	
Mango	0.03	2	0.03	2	-	-	
Aloe	0.25	10	-	-	0.25	10	
Loquat	1.07	27	1.07	27	.	.	
Guava	123.00	3,601	122.66	3,595	0.34	6	
Custard apple	0.14	5	0.14	5	-	-	
Grapefruit	42.04	1,694	42.04	1,694	-	-	
Bomaly	0.24	7	0.24	7	-	-	
Lemon	389.80	14,988	332.07	12,228	57.73	2,760	
Orange, Valencia Orange	1,292.02	49,375	1,287.32	49,196	4.70	179	
Shammoty Orange	4.18	155	4.18	155	-	-	
Navel Orange	15.20	500	15.20	500	-	-	
Francawy Orange	3.12	105	3.12	105	-	-	
Mandarin	0.36	2	0.36	2	-	-	
Clement	147.35	6,708	143.75	6,404	3.60	304	
Poppy	2.78	179	2.78	179	-	-	
Other Citrus	15.33	523	15.33	523	-	-	
Grape	332.13	17,358	234.62	13,457	97.51	3,901	
Berry	0.59	9	0.59	9	-	-	
Apple	1.24	48	1.24	48	-	-	
Apricot	4.81	169	4.61	161	0.20	8	
Cherry	0.10	3	0.10	3	-	-	
Peach	1.09	35	1.09	35	-	-	( )
Pears	0.10	3	0.10	3	-	-	
Plum	0.08	1	0.08	1	-	-	
Almond (hard)	55.39	1,826	35.84	1,050	19.55	776	
Walnut	0.06	2	0.06	2	-	-	
Pomegranate	11.53	441	10.73	403	0.80	38	
Other Trees	9.99	300	9.99	300	.	.	
Olive	4,651.44	89,309	4,352.11	84,022	299.33	5,287	
Sycamore Fig	0.05	1	0.05	1	-	-	
Zaglol Orange	1.00	30	1.00	30	-	-	
jujube	0.06	4	0.06	4	-	-	
<b>Total</b>	<b>7,708.56</b>	<b>199,371</b>	<b>7,147.73</b>	<b>184,985</b>	<b>560.83</b>	<b>14,386</b>	

جدول 63: عدد ومساحة أشجار البستنة غير المثمرة في محافظة دير البلح حسب نمط الري ونوع المحصول، كما هو في 2010/10/01  
**Table 63: Number and Area of Unbearing Horticulture Trees in Deir Al- Balah 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	Type of Irrigation				نمط الري		نوع المحصول
	المجموع		مروي		بعلي		
	المساحة	العدد	المساحة	العدد	المساحة	العدد	
	Area	Number	Area	Number	Area	Number	
Date	295.76	7,021	282.30	6,584	13.46	437	
Fig	92.22	1,396	1.96	42	90.26	1,354	
Guava	8.33	296	8.33	296	-	-	
Grapefruit	0.49	22	0.49	22	-	-	
Bomaly	0.05	2	0.05	2	-	-	
Lemon	71.79	2,886	71.79	2,886	-	-	
Orange, Valencia Orange	73.30	2,401	73.30	2,401	-	-	
Navel Orange	2.81	109	1.31	69	1.50	40	
Francauy Orange	2.00	140	-	-	2.00	140	
Clement	21.10	830	19.60	770	1.50	60	
Poppy	0.10	7	0.10	7	-	-	
Other Citrus	4.63	118	3.13	85	1.50	33	
Grape	17.15	841	13.65	645	3.50	196	
Peach	0.06	4	0.06	4	-	-	( )
Almond (hard)	0.22	7	0.22	7	-	-	
Walnut	0.49	12	0.49	12	-	-	
Pomegranate	1.72	67	1.72	67	-	-	
Other Trees	1.62	49	1.62	49	-	-	
Olive	990.41	22,958	957.55	22,367	32.86	591	
<b>Total</b>	<b>1,584.25</b>	<b>39,166</b>	<b>1,437.67</b>	<b>36,315</b>	<b>146.58</b>	<b>2,851</b>	

جدول 64: عدد ومساحة أشجار البستنة المثمرة المروية في محافظة دير البلح حسب طريقة الري ونوع المحصول، كما هو في 2010/10/01  
**Table 64: Number and Area of Bearing Irrigated Horticulture Trees in Deir Al- Balah 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	0.05	2	-	-	-	-	0.05	2	
Banana	0.28	6	-	-	0.08	1	0.20	5	
Date	478.22	9,821	-	-	71.22	1,869	407.00	7,952	
Fig	46.62	1,005	-	-	5.18	70	41.44	935	
Mango	0.03	2	-	-	-	-	0.03	2	
Loquat	1.07	27	-	-	-	-	1.07	27	
Guava	122.66	3,595	-	-	46.83	1,089	75.83	2,506	
Custard apple	0.14	5	-	-	0.08	2	0.06	3	
Grapefruit	42.04	1,694	-	-	1.00	50	41.04	1,644	
Bomaly	0.24	7	-	-	0.04	1	0.20	6	
Lemon	332.07	12,228	-	-	96.13	3,762	235.94	8,466	
Orange, Valencia	1,287.32	49,196	-	-	312.66	13,190	974.66	36,006	
Orange									
Shamoty Orange	4.18	155	-	-	-	-	4.18	155	
Navel Orange	15.20	500	-	-	8.80	270	6.40	230	
Francauy Orange	3.12	105	-	-	-	-	3.12	105	
Mandarin	0.36	2	-	-	0.36	2	-	-	
Clement	143.75	6,404	0.14	7	33.67	1,321	109.94	5,076	
Poppy	2.78	179	-	-	-	-	2.78	179	
Other Citrus	15.33	523	-	-	1.74	64	13.59	459	
Grape	234.62	13,457	-	-	51.42	2,421	183.20	11,036	
Berry	0.59	9	-	-	0.04	3	0.55	6	
Apple	1.24	48	-	-	0.14	5	1.10	43	
Apricot	4.61	161	-	-	0.29	11	4.32	150	
Cherry	0.10	3	-	-	-	-	0.10	3	
Peach	1.09	35	-	-	0.78	25	0.31	10	( )
Plum	0.10	3	-	-	0.10	3	-	-	
Plum	0.08	1	-	-	-	-	0.08	1	
Almond (hard)	35.84	1,050	-	-	6.45	165	29.39	885	
Walnut	0.06	2	-	-	-	-	0.06	2	
Pomegranate	10.73	403	-	-	3.28	130	7.45	273	
Other Trees	9.99	300	-	-	3.41	55	6.58	245	
Olive	4,352.11	84,022	8.00	96	1,018.87	19,295	3,325.24	64,631	
Sycamore Fig	0.05	1	-	-	-	-	0.05	1	
Zaglol Orange	1.00	30	-	-	1.00	30	-	-	
jujube	0.06	4	-	-	0.04	3	0.02	1	
<b>Total</b>	<b>7,147.73</b>	<b>184,985</b>	<b>8.14</b>	<b>103</b>	<b>1,663.61</b>	<b>43,837</b>	<b>5,475.98</b>	<b>141,045</b>	

جدول 65: عدد ومساحة أشجار البستنة غير المثمرة المروية في محافظة دير البلح حسب طريقة الري ونوع المحصول، كما هو في 2010/10/01

**Table 65: Number and Area of Unbearing Irrigated Horticulture Trees in Deir Al- Balah 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						نوع المحصول
	Total		Drip		Surface		
	المساحة	العدد	المساحة	العدد	المساحة	العدد	
	Area	Number	Area	Number	Area	Number	
Date	282.30	6,584	52.64	1,117	229.66	5,467	بلح
Fig	1.96	42	0.20	3	1.76	39	تين
Guava	8.33	296	0.13	4	8.20	292	جوافة
Grapefruit	0.49	22	-	-	0.49	22	جريبفروت
Bomaly	0.05	2	-	-	0.05	2	بوملي
Lemon	71.79	2,886	33.59	1,675	38.20	1,211	ليمون
Orange, Valencia Orange	73.30	2,401	20.45	913	52.85	1,488	برتقال
Navel Orange	1.31	69	0.20	10	1.11	59	برتقال شموطي
Clement	19.60	770	10.74	437	8.86	333	كلمنتينا
Poppy	0.10	7	-	-	0.10	7	مخال
Other Citrus	3.13	85	0.79	21	2.34	64	حمضيات أخرى
Grape	13.65	645	4.04	236	9.61	409	عنب
Peach	0.06	4	0.02	2	0.04	2	خوخ (دراق)
Almond (hard)	0.22	7	0.02	2	0.20	5	لوز يابس
Walnut	0.49	12	-	-	0.49	12	جوز
Pomegranate	1.72	67	0.24	8	1.48	59	رمان
Other Trees	1.62	49	0.02	2	1.60	47	أشجار بستنة أخرى
Olive	957.55	22,367	277.40	6,158	680.15	16,209	زيتون
<b>Total</b>	<b>1,437.67</b>	<b>36,315</b>	<b>400.48</b>	<b>10,588</b>	<b>1,037.19</b>	<b>25,727</b>	<b>المجموع</b>

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

**Table 66: Number and Area of Bearing and Unbearing Horticulture Trees in Deir Al- Balah 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
	المجموع				Unbearing		Bearing				
	Open		Protected		مكتشوف		مكتشوف		محمي		
	المساحة	العدد	المساحة	العدد	المساحة	العدد	المساحة	العدد	المساحة	العدد	
Area	Number	Area	Number	Area	Number	Area	Number	Area	Number		
Avocado	0.05	2	-	-	-	-	0.05	2	-	-	
Banana	0.28	6	-	-	-	-	0.28	6	-	-	
Date	829.81	17,615	1.40	30	295.76	7,021	534.05	10,594	1.40	30	
Fig	158.43	2,715	-	-	92.22	1,396	66.21	1,319	-	-	
Mango	0.03	2	-	-	-	-	0.03	2	-	-	
Aloe	0.25	10	-	-	-	-	0.25	10	-	-	
Loquat	1.07	27	-	-	-	-	1.07	27	-	-	
Guava	131.33	3,897	-	-	8.33	296	123.00	3,601	-	-	
Custard apple	0.14	5	-	-	-	-	0.14	5	-	-	
Grapefruit	42.53	1,716	-	-	0.49	22	42.04	1,694	-	-	
Bomaly	0.29	9	-	-	0.05	2	0.24	7	-	-	
Lemon	461.59	17,874	-	-	71.79	2,886	389.80	14,988	-	-	
Orange,	1,365.32	51,776	-	-	73.30	2,401	1,292.02	49,375	-	-	
Shammoty	4.18	155	-	-	-	-	4.18	155	-	-	
Navel Orange	18.01	609	-	-	2.81	109	15.20	500	-	-	
Francaawy	5.12	245	-	-	2.00	140	3.12	105	-	-	
Mandarin	0.36	2	-	-	-	-	0.36	2	-	-	
Clement	168.31	7,531	0.14	7	21.10	830	147.21	6,701	0.14	7	
Poppy	2.88	186	-	-	0.10	7	2.78	179	-	-	
Other Citrus	19.96	641	-	-	4.63	118	15.33	523	-	-	
Grape	349.28	18,199	-	-	17.15	841	332.13	17,358	-	-	

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

Table 66 (Cont): Number and Area of Bearing and Unbearing Horticulture Trees in Deir Al- Balah 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			
	Open		Protected		Open		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
Berry	0.59	9	-	-	-	-	0.59	9	-	-	
Apple	1.24	48	-	-	-	-	1.24	48	-	-	
Apricot	4.81	169	-	-	-	-	4.81	169	-	-	
Cherry	0.10	3	-	-	-	-	0.10	3	-	-	
Peach	1.15	39	-	-	0.06	4	1.09	35	-	-	( )
Pears	0.10	3	-	-	-	-	0.10	3	-	-	
Plum	0.08	1	-	-	-	-	0.08	1	-	-	
Almond (hard)	55.61	1,833	-	-	0.22	7	55.39	1,826	-	-	
Walnut	0.55	14	-	-	0.49	12	0.06	2	-	-	
Pomegranate	13.25	508	-	-	1.72	67	11.53	441	-	-	
Other Trees	11.61	349	-	-	1.62	49	9.99	300	-	-	
Olive	5,641.85	112,267	-	-	990.41	22,958	4,651.44	89,309	-	-	
Sycamore Fig	0.05	1	-	-	-	-	0.05	1	-	-	
Zaglol Orange	1.00	30	-	-	-	-	1.00	30	-	-	
jujube	0.06	4	-	-	-	-	0.06	4	-	-	
<b>Total</b>	<b>9,291.27</b>	<b>238,500</b>	<b>1.54</b>	<b>37</b>	<b>1,584.25</b>	<b>39,166</b>	<b>7,707.02</b>	<b>199,334</b>	<b>1.54</b>	<b>37</b>	

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

**Table 67: Number and Area of Bearing and Unbearing Horticulture Trees in Deir Al- Balah 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 Total				Unbearing غير مثمر				Bearing مثمر				
	Scattered مبعثر		Compact مكثف		Scattered مبعثر		Compact مكثف		Scattered مبعثر		Compact مكثف		
	المساحة Area	العدد Number	المساحة Area	العدد Number	المساحة Area	العدد Number	المساحة Area	العدد Number	المساحة Area	العدد Number	المساحة Area	العدد Number	
Single	781.94	10,438	7,534.18	200,830	120.99	1,159	1,184.10	29,977	660.95	9,279	6,350.08	170,853	منفرد
Associated	39.31	332	347.68	9,510	9.50	71	146.17	4,254	29.81	261	201.51	5,256	
Mixed	49.65	746	540.05	16,681	6.60	89	116.89	3,616	43.05	657	423.16	13,065	
<b>Total</b>	<b>870.90</b>	<b>11,516</b>	<b>8,421.91</b>	<b>227,021</b>	<b>137.09</b>	<b>1,319</b>	<b>1,447.16</b>	<b>37,847</b>	<b>733.81</b>	<b>10,197</b>	<b>6,974.75</b>	<b>189,174</b>	المجموع

جدول 68: عدد ومساحة أشجار البستنة المثمرة المروية في محافظة دير البلح حسب طريقة الري وطريقة الزراعة، كما هو في 2010/10/01  
**Table 68: Number and Area of Bearing Irrigated Horticulture Trees in Deir Al- Balah 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
	Total		Sprinkler		Drip		Surface		
	المساحة	العدد	المساحة	العدد	المساحة	العدد	المساحة	العدد	
	Area	Number	Area	Number	Area	Number	Area	Number	
Compact	6,515.89	176,136	8.14	103	1,488.14	41,427	5,019.61	134,606	مكتف
Scattered	631.84	8,849	-	-	175.47	2,410	456.37	6,439	مبعثر
<b>Total</b>	<b>7,147.73</b>	<b>184,985</b>	<b>8.14</b>	<b>103</b>	<b>1,663.61</b>	<b>43,837</b>	<b>5,475.98</b>	<b>141,045</b>	المجموع

جدول 69: عدد ومساحة أشجار البستنة غير المثمرة المروية في محافظة دير البلح حسب طريقة الري وطريقة الزراعة، كما هو في 2010/10/01  
**Table 69: Number and Area of Unbearing Irrigated Horticulture Trees in Deir Al- Balah 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		تنقيط		سطحي		
	المساحة	العدد	المساحة	العدد	المساحة	العدد	
	Area	Number	Area	Number	Area	Number	
Compact	1312.88	35,140	368.50	10,336	944.38	24,804	مكثف
Scattered	124.79	1,175	31.98	252	92.81	923	مبعثر
<b>Total</b>	<b>1437.67</b>	<b>36,315</b>	<b>400.48</b>	<b>10,588</b>	<b>1037.19</b>	<b>25,727</b>	المجموع

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

**Table 70: Number and Area of Bearing and Unbearing Horticulture Trees in Deir Al- Balah 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
	Total المجموع										
	Unbearing غير مثمر					Bearing مثمر					
	Open مكشوف		Protected محمي		Open مكشوف		Open مكشوف		Protected محمي		
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	8,421.77	227,014	0.14	7	1,447.16	37,847	6,974.61	189,167	0.14	7	مكثف
Scattered	869.50	11,486	1.40	30	137.09	1,319	732.41	10,167	1.40	30	مبعثر
<b>Total</b>	<b>9,291.27</b>	<b>238,500</b>	<b>1.54</b>	<b>37</b>	<b>1,584.25</b>	<b>39,166</b>	<b>7,707.02</b>	<b>199,334</b>	<b>1.54</b>	<b>37</b>	<b>المجموع</b>

جدول 71: عدد ومساحة أشجار البستنة المثمرة في محافظة دير البلح حسب نمط الري ووضع المحصول، كما هو في 2010/10/01  
**Table 71: Number and Area of Bearing Horticulture Trees in Deir Al- Balah 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	7,011.03	180,132	6,535.87	168,841	475.16	11,291	منفرد
Associated	231.32	5,517	208.42	5,219	22.90	298	مقترن
Mixed	466.21	13,722	403.44	10,925	62.77	2,797	مختلط
<b>Total</b>	<b>7,708.56</b>	<b>199,371</b>	<b>7,147.73</b>	<b>184,985</b>	<b>560.83</b>	<b>14,386</b>	<b>المجموع</b>

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

**Table 72: Number and Area of Unbearing Horticulture Trees in Deir Al- Balah 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	العدد	المساحة	العدد	المساحة	العدد	
	Area	Number	Area	Number	Area	Number	
Single	1,305.09	31,136	1,167.52	28,464	137.57	2,672	منفرد
Associated	155.67	4,325	149.59	4,220	6.08	105	مقترن
Mixed	123.49	3,705	120.56	3,631	2.93	74	مختلط
<b>Total</b>	<b>1,584.25</b>	<b>39,166</b>	<b>1,437.67</b>	<b>36,315</b>	<b>146.58</b>	<b>2,851</b>	<b>المجموع</b>

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**Table 73: Number and Area of Bearing Irrigated Horticulture Trees in Deir Al- Balah 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	6,535.87	168,841	8.14	103	1,534.34	40,595	4,993.39	128,143
Associated	208.42	5,219	-	-	40.87	907	167.55	4,312
Mixed	403.44	10,925	-	-	88.40	2,335	315.04	8,590
<b>Total</b>	<b>7,147.73</b>	<b>184,985</b>	<b>8.14</b>	<b>103</b>	<b>1,663.61</b>	<b>43,837</b>	<b>5,475.98</b>	<b>141,045</b>

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**Table 74: Number and Area of Unbearing Irrigated Horticulture Trees in Deir Al- Balah 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		Drip		Surface		
	Area	المجموع Number	Area	Number	Area	Number	
Single	1,167.52	28,464	339.45	8,772	828.07	19,692	
Associated	149.59	4,220	49.21	1,518	100.38	2,702	
Mixed	120.56	3,631	11.82	298	108.74	3,333	
<b>Total</b>	<b>1,437.67</b>	<b>36,315</b>	<b>400.48</b>	<b>10,588</b>	<b>1,037.19</b>	<b>25,727</b>	

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**Table 75: Number and Area of Bearing and Unbearing Horticulture Trees in Deir Al- Balah 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 غير مثمر		Bearing			
	Open		Protected		Open		Open		Protected	
	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number
Single	8,314.58	211,231	1.54	37	1,305.09	31,136	7,009.49	180,095	1.54	37
Associated	386.99	9,842	-	-	155.67	4,325	231.32	5,517	-	-
Mixed	589.70	17,427	-	-	123.49	3,705	466.21	13,722	-	-
<b>Total</b>	<b>9,291.27</b>	<b>238,500</b>	<b>1.54</b>	<b>37</b>	<b>1,584.25</b>	<b>39,166</b>	<b>7,707.02</b>	<b>199,334</b>	<b>1.54</b>	<b>37</b>

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**Table 76: Number of Agricultural Holdings in Deir Al- Balah 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	460	116	-	27	283	34	حتى 2.99
3 - 5.99	90	23	2	3	56	6	3 - 5.99
6 - 9.99	85	24	1	6	46	8	6 - 9.99
10 - 19.99	69	17	1	3	44	4	10 - 19.99
20 - 29.99	18	8	-	1	8	1	20 - 29.99
30 - 39.99	15	6	-	-	8	1	30 - 39.99
40 +	15	5	-	1	8	1	+ 40
<b>Total</b>	<b>752</b>	<b>199</b>	<b>4</b>	<b>41</b>	<b>453</b>	<b>55</b>	<b>المجموع</b>

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

**Table 77: Number of Agricultural Holdings in Deir Al- Balah 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	5	-	-	5	1	
2 - 3	67	15	-	4	43	5	3 - 2
4 - 5	124	40	-	11	62	11	5 - 4
6 - 9	368	96	-	18	232	22	9 - 6
10 +	182	43	4	8	111	16	+ 10
<b>Total</b>	<b>752</b>	<b>199</b>	<b>4</b>	<b>41</b>	<b>453</b>	<b>55</b>	

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

**Table 78: Number of Agricultural Holdings in Deir Al- Balah 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	606	151	-	38	368	49	فرد
Partnership	35	10	3	-	21	1	شراكة
Household	111	38	1	3	64	5	أسرة
<b>Total</b>	<b>752</b>	<b>199</b>	<b>4</b>	<b>41</b>	<b>453</b>	<b>55</b>	

\*Others: Include Company, Government, Cooperative Society, and Othes.

\*أخرى: تشمل شركة، حكومة، جمعية، وأخرى

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**Table 79: Number of Agricultural Holdings in Deir Al- Balah 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 Consumotion	260	57	1	25	157	20	
For Sale	492	142	3	16	296	35	
<b>Total</b>	<b>752</b>	<b>199</b>	<b>4</b>	<b>41</b>	<b>453</b>	<b>55</b>	

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

**Table 80: Number of Agricultural Holdings in Deir Al- Balah 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	594	149	3	33	360	49
Paid Manager	11	3	1	-	6	1
Member of the Holders Family	147	47	-	8	87	5
<b>Total</b>	<b>752</b>	<b>199</b>	<b>4</b>	<b>41</b>	<b>453</b>	<b>55</b>

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**Table 81: Number of Agricultural Holdings in Deir Al- Balah Governorate which Raising Cattles, Sheep, Goats or Camels by Sex and Strain, 2009/2010**

Strain	Sex			
	Males and Females	Females Only	Males Only	
<b>Cattles</b>	<b>52</b>	<b>103</b>	<b>14</b>	
Local	28	61	6	
Friesian	22	34	5	
Hybrid	1	5	2	
Others	1	3	1	
<b>Sheep</b>	<b>513</b>	<b>175</b>	<b>20</b>	
Local	118	51	4	
Friesian	336	96	14	
Hybrid	56	27	2	
Others	3	1	-	
<b>Goats</b>	<b>86</b>	<b>76</b>	<b>7</b>	
Local	55	54	4	
Shami	16	19	2	
Hybrid	12	2	1	
Others	3	1	-	

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

**Table 82: Number of Agricultural Holdings in Deir Al- Balah Governorate which Raising Cattles by Age and Strain, 2009/2010**

Strain	Age			
	+ 2	2-1	Less Than 1 Year	
<b>Cattles</b>	<b>109</b>	<b>79</b>	<b>60</b>	
Local	62	43	34	
Friesian	38	29	23	
Hybrid	6	5	2	
Others	3	2	1	

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**Table 83: Number of Agricultural Holdings in Deir Al- Balah Governorate which Raising Sheep or Goats by Age and Strain, 2009/2010**

Strain	Age		
	+ 1	Less Than 1 Year	
<b>Sheep</b>	<b>638</b>	<b>508</b>	
Local	160	108	
Asaf	401	334	
Hybrid	74	63	
Others	3	3	
<b>Goats</b>	<b>150</b>	<b>85</b>	
Local	107	50	
Shami	27	26	
Hybrid	13	7	
Others	3	2	

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

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

Strain	Type of Production System	
	Semi-Nomadic	Ranching
<b>Cattles</b>	<b>36</b>	<b>133</b>
Local	22	73
Friesian	9	52
Hybrid	3	5
Others	2	3
<b>Sheep</b>	<b>226</b>	<b>482</b>
Local	64	109
Asaf	123	323
Hybrid	39	46
Others	-	4
<b>Goats</b>	<b>59</b>	<b>110</b>
Local	38	75
Shami	14	23
Hybrid	6	9
Others	1	3

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**Table 85: Number of Agricultural Holdings in Deir Al- Balah 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>21</b>	<b>138</b>
Local	17	78
Friesian	-	51
Hybrid	2	6
Others	2	3
<b>Sheep</b>	<b>547</b>	<b>161</b>
Local	124	49
Asaf	360	86
Hybrid	59	26
Others	4	-
<b>Goats</b>	<b>93</b>	<b>76</b>
Local	59	54
Shami	24	13
Hybrid	9	6
Others	1	3

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**Table 86: Number of Cattles in Deir Al- Balah 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>Deir Al- Balah Governorate</b>	<b>898</b>	<b>468</b>	<b>430</b>	<b>29</b>	<b>83</b>	<b>9</b>	<b>27</b>	<b>181</b>	<b>182</b>	<b>249</b>	<b>138</b>
An Nuseirat	91	62	29	-	-	4	1	39	18	19	10
Al Bureij Camp	2	1	1	-	-	-	-	-	-	1	1
Al Bureij	141	65	76	-	8	-	-	24	33	41	35
Az Zawayda	134	74	60	2	-	3	25	36	28	33	7
Al Maghazi Camp	9	8	1	-	-	-	-	8	1	-	-
Al Maghazi	53	47	6	-	-	-	-	19	2	28	4
Deir Al- Balah	353	134	219	27	75	1	1	26	79	80	64
Al Musaddar	25	21	4	-	-	-	-	4	1	17	3
Wadi as Salqa	90	56	34	-	-	1	-	25	20	30	14

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**Table 87: Number of Sheep in Deir Al- Balah 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>Deir Al- Balah Governorate</b>	<b>8,705</b>	<b>6530</b>	<b>2175</b>	<b>21</b>	<b>3</b>	<b>637</b>	<b>210</b>	<b>3915</b>	<b>1374</b>	<b>1957</b>	<b>588</b>
An Nuseirat Camp	57	41	16	-	-	10	6	20	8	11	2
An Nuseirat	1,067	731	336	6	1	44	9	585	268	96	58
Al Bureij Camp	207	139	68	-	-	-	-	88	28	51	40
Al Bureij	784	602	182	-	-	17	4	419	121	166	57
Az Zawayda	1,507	1189	318	-	-	102	47	719	209	368	62
Al Maghazi Camp	272	230	42	-	-	13	1	137	36	80	5
Al Maghazi	743	554	189	6	1	40	25	324	124	184	39
Deir Al- Balah	2,183	1433	750	5	-	183	94	792	400	453	256
Al Musaddar	660	552	108	-	-	164	18	222	60	166	30
Wadi as Salqa	1,225	1059	166	4	1	64	6	609	120	382	39

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**Table 88: Number of Goats in Deir Al- Balah 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>Deir Al- Balah Governorate</b>	<b>996</b>	<b>780</b>	<b>216</b>	<b>18</b>	<b>8</b>	<b>67</b>	<b>23</b>	<b>126</b>	<b>28</b>	<b>569</b>	<b>157</b>
An Nuseirat Camp	38	25	13	-	-	4	3	4	1	17	9
An Nuseirat	170	130	40	13	5	12	3	22	9	83	23
Al Bureij Camp	32	27	5	-	-	-	-	18	2	9	3
Al Bureij	83	73	10	-	-	2	1	41	2	30	7
Az Zawayda	190	146	44	2	1	25	10	15	3	104	30
Al Maghazi Camp	36	32	4	-	-	4	1	8	1	20	2
Al Maghazi	28	22	6	-	-	3	2	-	-	19	4
Deir Al- Balah	289	218	71	3	2	7	1	18	10	190	58
Al Musaddar	73	61	12	-	-	5	2	-	-	56	10
Wadi as Salqa	57	46	11	-	-	5	-	-	-	41	11

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**Table 89: Number of Cattles in Deir Al- Balah 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>898</b>	<b>235</b>	<b>62</b>	<b>178</b>	<b>144</b>	<b>55</b>	<b>224</b>	
Local	387	128	6	91	54	30	78	
Friesian	363	98	1	58	44	25	137	
Hybrid	36	6	-	3	26	-	1	
Others	112	3	55	26	20	-	8	

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**Table 90: Number of Sheep and Goats in Deir Al- Balah 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>8,705</b>	<b>4,549</b>	<b>705</b>	<b>1,981</b>	<b>1,470</b>
Local	2,545	1,411	277	546	311
Asaf	5,289	2,673	351	1,242	1,023
Hybrid	847	454	76	183	134
Others	24	11	1	10	2
<b>Goats</b>	<b>996</b>	<b>560</b>	<b>102</b>	<b>220</b>	<b>114</b>
Local	726	421	75	148	82
Shami	154	85	9	41	19
Hybrid	90	47	13	20	10
Others	26	7	5	11	3

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**Table 91: Number of Cattles, Sheep and Goats in Deir Al- Balah 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>898</b>	<b>428</b>	<b>470</b>
Local	387	132	255
Friesian	363	162	201
Hybrid	36	26	10
Others	112	108	4
<b>Sheep</b>	<b>8,705</b>	<b>6,380</b>	<b>2,325</b>
Local	2,545	1,709	836
Asaf	5,289	4,079	1,210
Hybrid	847	568	279
Others	24	24	-
<b>Goats</b>	<b>996</b>	<b>569</b>	<b>427</b>
Local	726	412	314
Shami	154	100	54
Hybrid	90	54	36
Others	26	3	23

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**Table 92: Number of Agricultural Holdings in Deir Al- Balah Governorate which Raising Poultry by Area of Worked Barns and Type, 2009/2010**

Type	Total	Area of Worked Barns ( <sup>2</sup> )			
		+ 1,000	999 - 500	500 Less than 500	
Mothers of Broiler	1	-	-	1	
Broilers	54	7	11	36	
Layers	12	-	7	5	
Turkey Males	1	-	1	-	
Turkey Females	1	-	1	-	

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**Table 93: Number of Agricultural Holdings in Deir Al- Balah 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	1	-	-	1	-	-	
Broilers	54	12	13	13	8	8	
Layers	12	-	5	4	2	1	
Turkey Males	1	-	-	1	-	-	
Turkey Females	1	-	-	1	-	-	

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**Table 94: Number of Agricultural Holdings in Deir Al- Balah 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	1	-	-	1	-	-	
Broilers	54	8	7	11	7	21	
Layers	12	-	3	1	4	4	
Turkey Males	1	-	-	1	-	-	
Turkey Females	1	-	-	-	1	-	

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

**Table 95: Number of Raised Poultry in Deir Al- Balah Governorate by Type and Locality, As in 01/10/2010**

Locality	Type				
	Turkeys	Layers	Broilers	Mothers of Broiler	
<b>Deir Al- Balah Governorate</b>	<b>3,000</b>	<b>26,150</b>	<b>209,240</b>	<b>2,000</b>	
An Nuseirat	-	6,750	14,250	-	
Al Bureij	3,000	8,100	37,760	-	
Az Zawayda	-	-	56,300	-	
Al Maghazi Camp	-	-	450	-	
Al Maghazi	-	-	3,600	-	
Deir Al- Balah	-	2,800	59,230	-	
Al Musaddar	-	8,500	30,000	2,000	
Wadi as Salqa	-	-	7,650	-	

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

Locality	نوع الدواجن									
	Turkey			Layers		Broilers			Broilers Mothers	
	Average of Cycles Per Year	Area of Worked Barns (m2)	Number	Area of Worked Barns (m2)	Number	Average of Cycles Per Year	Area of Worked	Number	Area of Worked Barns (m2)	Number
<b>Deir Al- Balah Governorate</b>	<b>2</b>	<b>1,400</b>	<b>7,000</b>	<b>5,595</b>	<b>26,150</b>	<b>4</b>	<b>31,432</b>	<b>1,111,550</b>	<b>330</b>	<b>2,000</b>
An Nuseirat	-	-	-	940	6,750	3	2,620	55,800	-	-
Al Bureij	2	1,400	7,000	2,180	8,100	3	4,122	136,100	-	-
Az Zawayda	-	-	-	-	-	4	8,650	372,500	-	-
Al Maghazi Camp	-	-	-	-	-	3	60	1,350	-	-
Al Maghazi	-	-	-	-	-	3	3,780	111,300	-	-
Deir Al- Balah	-	-	-	475	2,800	5	7,120	291,000	-	-
Al Musaddar	-	-	-	1,800	8,500	4	3,180	107,000	330	2,000
Wadi as Salqa	-	-	-	200	-	3	1,900	36,500	-	-

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**Table 97: Number of Agricultural Holdings in Deir Al- Balah 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	54	9	14	4	12	6	9	
Male Turkey	1	:	:	:	:	*1	-	
Female Turkey	1	:	:	:	:	*1	-	

(:): Not applicabel

:(:)

(\*): Includs 2 an 3 of average cycle per year

3 2

:(\*)

جدول 98: عدد الحيازات الزراعية في محافظة دير البلح التي تربي دواجن حسب إجمالي عدد الطيور المرباة في السنة والنوع، 2010/2009  
**Table 98: Number of Agricultural Holdings in Deir Al- Balah 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	3	-	-	1	2	-	
Broiler	54	29	8	4	4	9	
Layers	28	3	4	4	7	10	
Turkey Males	1	-	1	-	-	-	
Turkey Females	1	-	-	1	-	-	

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**Table 99: Number of Poultry in Deir Al- Balah 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>2,000</b>	-	-	2,000	-	-	
Broilers	<b>1,111,550</b>	752,500	207,400	112,200	30,300	9,150	
Layers	<b>26,150</b>	-	20,550	4,350	1,000	250	
Turkey Males	<b>5,000</b>	-	-	5,000	-	-	
Turkey Females	<b>2,000</b>	-	-	2,000	-	-	

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**Table 100: Number of Poultry in Deir Al- Balah Governorate by Area of Worked Barns and Type, 2009/2010**

Type	Total	Area of Worked Barns (m <sup>2</sup> ) (°)					
		+ 6,000	5,999 - 3,000	2,999 - 1,000	999 - 500	500 Less than 500	
Mothers of Broiler	2,000	-	-	-	-	2,000	
Broilers	1,111,550	-	108,000	535,000	185,400	283,150	
Layers	26,150	-	-	-	23,050	3,100	
Turkey Males	5,000	-	-	-	5,000	-	
Turkey Females	2,000	-	-	-	2,000	-	

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**Table 101: Number of Poultry in Deir Al- Balah 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>1,111,550</b>	156,900	446,500	88,500	389,250	12,600	17,800	
Male Turkey	<b>5,000</b>	:	:	:	:	*5000	-	
Female Turkey	<b>2,000</b>	:	:	:	:	*2000	-	

(:): Not applicabel

:(:)

(\*): Includes 2 an 3 of average cycle per year

3 2

:(\*)

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**Table 102: Number of Domestic Poultry in Deir Al- Balah Governorate by Type and Locality, As in 01/10/2010**

Locality	Type					
	Others	Rabbits	Turkeys	Pigeons	Chickens	
<b>Deir Al- Balah Governorate</b>	<b>3,507</b>	<b>4,657</b>	<b>598</b>	<b>18,336</b>	<b>15,075</b>	
An Nuseirat Camp	65	160	6	316	256	
An Nuseirat	378	1,412	55	3,080	2,411	
Al Bureij Camp	494	693	48	1,762	1,137	
Al Bureij	385	348	101	2,574	1,666	
Az Zawayda	720	605	147	2,980	2,732	
Deir al Balah Camp	-	50	-	94	-	
Al Maghazi Camp	46	133	1	738	574	
Al Maghazi	51	183	3	412	335	
Deir al Balah	1,084	829	183	3,546	3,675	
Al Musaddar	117	102	20	1,005	800	
Wadi as Salqa	167	142	34	1,829	1,489	

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**Table 103: Number of Equines in Deir Al- Balah Governorate by Type and Locality, As in 01/10/2010**

Locality	Type		
	Donkeys	Mules	Horses
<b>Deir Al- Balah Governorate</b>	<b>540</b>	<b>12</b>	<b>250</b>
An Nuseirat Camp	3	-	2
An Nuseirat	64	4	42
Al Bureij Camp	10	-	11
Al Bureij	63	4	45
Az Zawayda	94	1	43
Deir Al- Balah Camp	-	-	-
Al Maghazi Camp	12	-	7
Al Maghazi	27	-	22
Deir Al- Balah	108	2	52
Al Musaddar	50	-	9
Wadi as Salqa	109	1	17

جدول 104: عدد خلايا النحل في محافظة دير البلح حسب النوع والتجمع، 2010/2009

Table 104: Number of Beehives in Deir Al- Balah Governorate by Type and Locality, 2009/2010

Locality	Total	Number of Beehives	
		Modern Beehives	خلايا تقليدية Traditional Beehives
<b>Deir Al- Balah Governorate</b>	<b>1,211</b>	<b>1,107</b>	<b>104</b>
An Nuseirat Camp	8	8	-
An Nuseirat	115	106	9
Al Bureij Camp	126	116	10
Al Bureij	14	12	2
Az Zawayda	130	115	15
Deir Al- Balah Camp	-	-	-
Al Maghazi Camp	4	4	-
Al Maghazi	51	48	3
Deir Al- Balah	119	114	5
Al Musaddar	468	413	55
Wadi as Salqa	176	171	5

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

**Table 105: Number of Agricultural Holdings in Deir Al- Balah 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	2,229	403	438	1,388	من افراد الاسرة دائمين بدون اجر
Unpaid Temporary Family Members	693	135	67	491	من افراد الاسرة مؤقتين بدون اجر
Permanent Wage Employees	300	69	13	218	عمال دائمين بأجر
Temporary Wage Employees	1,978	423	35	1,520	عمال مؤقتين بأجر

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

**Table 106: Number of Agricultural Holdings in Deir Al- Balah 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	Type of Holding			عدد العمال الدائمين بأجر
		مختلطة Mixed	حيوانية Animal	نباتية Plant	
1	138	27	8	103	1
2	57	13	2	42	2
3	42	12	-	30	3
4	33	4	1	28	4
5	15	6	-	9	5
6 +	15	7	2	6	+ 6
<b>Total</b>	<b>300</b>	<b>69</b>	<b>13</b>	<b>218</b>	<b>المجموع</b>
<b>Average Number of Permanent Wage Employees in Agricultural Holding</b>	<b>2.35</b>	<b>2.84</b>	<b>2.77</b>	<b>2.17</b>	

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

**Table 107: Number of Permanent Wage Employees in Agricultural Holdings in Deir Al- Balah 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>Deir Al- Balah Governorate</b>	<b>23</b>	<b>672</b>	<b>6</b>	<b>182</b>	-	<b>34</b>	<b>17</b>	<b>456</b>	
An Nuseirat Camp	-	14	-	2	-	-	-	12	
An Nuseirat	2	73	-	14	-	2	2	57	
Al Bureij Camp	-	26	-	10	-	-	-	16	
Al Bureij	1	88	1	14	-	4	-	70	
Az Zawayda	8	112	-	42	-	4	8	66	
Deir Al- Balah Camp	1	15	-	14	-	-	1	1	
Al Maghazi Camp	-	23	-	2	-	14	-	7	
Al Maghazi	3	14	-	3	-	-	3	11	
Deir Al- Balah	2	206	1	29	-	9	1	168	
Al Musaddar	-	7	-	6	-	-	-	1	
Wadi as Salqa	6	94	4	46	-	1	2	47	

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

**Table 108: Number of Unpaid Family Member in Agricultural Holdings in Deir Al- Balah 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>Deir Al- Balah Governorate</b>	<b>437</b>	<b>3,928</b>	128	873	128	618	181	2,437	
An Nuseirat Camp	12	59	2	5	7	15	3	39	
An Nuseirat	56	619	16	111	21	118	19	390	
Al Bureij Camp	21	143	2	36	5	25	14	82	
Al Bureij	28	357	11	72	9	71	8	214	
Az Zawayda	130	801	34	215	49	193	47	393	
Deir Al- Balah Camp	8	39	1	8	-	-	7	31	
Al Maghazi Camp	10	78	2	9	5	26	3	43	
Al Maghazi	17	179	2	46	8	25	7	108	
Deir Al- Balah	78	1,216	8	193	21	115	49	908	
Al Musaddar	17	185	16	84	1	6	-	95	
Wadi as Salqa	60	252	34	94	2	24	24	134	

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

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

Locality	المجموع Total		Type of Holding				نوع الحيازة		التجمع
			Mixed		Animal		Plant		
	إناث Females	ذكور Males	إناث Females	ذكور Males	إناث Females	ذكور Males	إناث Females	ذكور Males	
<b>Deir Al- Balah Governorate</b>	<b>115</b>	<b>1,211</b>	41	258	9	86	65	867	
An Nuseirat Camp	5	16	1	2	-	4	4	10	
An Nuseirat	9	238	1	31	4	17	4	190	
Al Bureij Camp	1	45	1	8	-	10	1	27	
Al Bureij	-	83	-	7	-	4	-	72	
Az Zawayda	35	192	12	53	4	16	19	123	
Deir Al- Balah Camp	-	1	-	-	-	-	-	1	
Al Maghazi Camp	5	43	-	8	-	8	5	27	
Al Maghazi	4	30	2	8	-	2	2	20	
Deir Al- Balah	27	440	8	89	1	22	18	329	
Al Musaddar	2	7	2	5	-	2	-	-	
Wadi as Salqa	26	116	14	47	-	1	12	68	

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

Table 110: Number of Agricultural Employees in Agricultural Holdings in Deir Al- Balah 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 أجر Unpaid Family Members				الفئة العمرية
		إناث Females	ذكور Males	إناث Females	ذكور Males	Temporary Employee		Permanent Employee		
						إناث Females	ذكور Males	إناث Females	ذكور Males	
		إناث Females	ذكور Males	إناث Females	ذكور Males	إناث Females	ذكور Males	إناث Females	ذكور Males	
Less than 10 years	46	11	35	-	-	9	24	2	11	10
10 - 14	198	33	165	-	2	27	127	6	36	14 - 10
15 - 17	479	35	444	-	17	26	322	9	105	17 - 15
18 - 29	2,449	146	2,303	9	368	100	1,320	37	615	29 - 18
30 - 59	2,751	303	2,448	14	274	232	1,789	57	385	59 -30
60 +	463	47	416	-	11	43	346	4	59	+ 60
<b>Total</b>	<b>6,386</b>	<b>575</b>	<b>5,811</b>	<b>23</b>	<b>672</b>	<b>437</b>	<b>3,928</b>	<b>115</b>	<b>1,211</b>	<b>المجموع</b>

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

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

Type of Machine and Equipment	Source and Type of Machine				نوع الآلات والمعدات
	استئلاف Borrowed	مستأجرة من جمعية تعاونية Rented from society	مستأجرة من افراد Rented from others	مملوكة Owened	
Four-Wheel Tractor	1	1	1,368	22	جرار عجل
Track-Laying Tractor	-	-	1	-	جرار جنزير
Cultivator	-	-	4	1	محراث حفار (كلتفيتر)
Plough	-	-	199	7	محراث مطرحي قلاب سكك
Rotary Tiller	2	1	1,429	28	محراث دوراني روتيفيتر
Spike -Tooth Harrow	-	-	4	2	مشط ازميلي أصبعي اسنان
Sprayer	1	-	585	40	مرش الي (تنك رش) محمول، مجرور
Thresher	-	-	63	1	دراسة او فرازة حبوب (مجرورة)
Reaper-binder	-	-	33	-	حصادة رابطة
Potatoes Digger	-	-	2	-	خلاعة بطاطا
Milking Machine	-	-	-	10	حلابة

جدول 112: عدد الحيازات الزراعية التي تستخدم الآلات والمعدات الزراعية في محافظة دير البلح 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	حيوانيه Animal	نباتيه Plant	
Four-Wheel Tractor	308	1	1,083	جرار عجل
Track-Laying Tractor	-	-	1	جرار جنزير
Cultivator	-	-	5	محراث حفار (كلتيفيتر)
Plough	72	-	134	محراث مطرحي قلاب سكك
Rotary Tiller	323	-	1,137	محراث دوراني روتيفيتر
Spike -Tooth Harrow	4	-	2	مشط ازميلي أصبعي اسنان
Sprayer	134	2	490	مرش الي (تنك رش) محمول، مجرور
Broad Caster	1	-	-	سمادة ترددية
Thresher	32	-	32	دراسة او فرازة حبوب (مجرورة)
Reaper-binder	15	-	18	حصادة رابطة
Potatoes Digger	2	-	-	خلاعة بطاطا
Milking Machine	4	6	-	حلابة

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2010/2009

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

Type of Holding	Area	Number	
Plant	324.43	27	
Animal	5.14	2	
Mixed	221.25	12	
<b>Total</b>	<b>550.82</b>	<b>41</b>	

2010/2009

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**Table 114: Selected Agricultural Indicators in Deir Al- Balah Governorate by Type of Holding, 2009/2010**

Indicator	Total	Type of Holding		
		Mixed	Animal	Plant
Number of the holdings which have hatchery	12	4	7	1
Number of the holdings which have fishery	26	8	4	14
Number of the holdings which the income from it is composed the main income of the Household	928	207	174	547
Number of the holdings which benefit from the reclamation project or opening a street or any other projects	190	61	17	112
Number of Male Camels	21	12	9	:
Number of Female Camels	39	30	9	:

(:): Not applicabel

(:):



# **Palestinian National Authority**

**Palestinian Central Bureau of  
Statistics**

**Ministry of Agriculture**

**Agricultural Census - 2010**



**Final Results – Deir Al-Balah Governorate**

**January, 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 Deir Al- Balah 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.

**January, 2012**

**Ola Awad  
President of PCBS**



## Chapter One

### Main Results

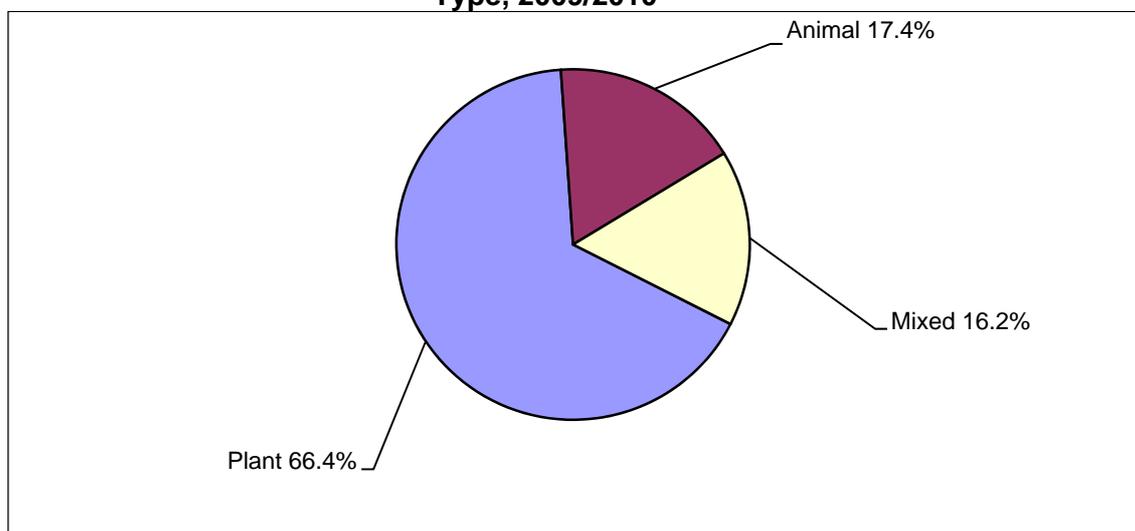
The final results of the Agricultural Census 2010 include the number of agricultural holdings, classified according to the type of holding (plant, animal, or mixed); the area of cultivated land during the agricultural year 2009/2010 from the first of October 2009 to 30 September 2010; the number of domestic 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 3,071 agricultural holdings in Deir Al- Balah Governorate. The most common type of agricultural holding was plant holdings: there were 2,038 plant holdings, equivalent to 66.4% of all agricultural holdings in Deir Al- Balah Governorate.

The results indicated that during the agricultural year 2009/2010 there were 534 animal holdings, equivalent to 17.4% of all agricultural holdings in Deir Al- Balah Governorate. Data indicated that during the agricultural year 2009/2010 there were 499 mixed holdings, equivalent to 16.2% of all agricultural holdings in Deir Al- Balah Governorate.

**Percentage Distribution of Agricultural Holdings in Deir Al- Balah Governorate by Type, 2009/2010**

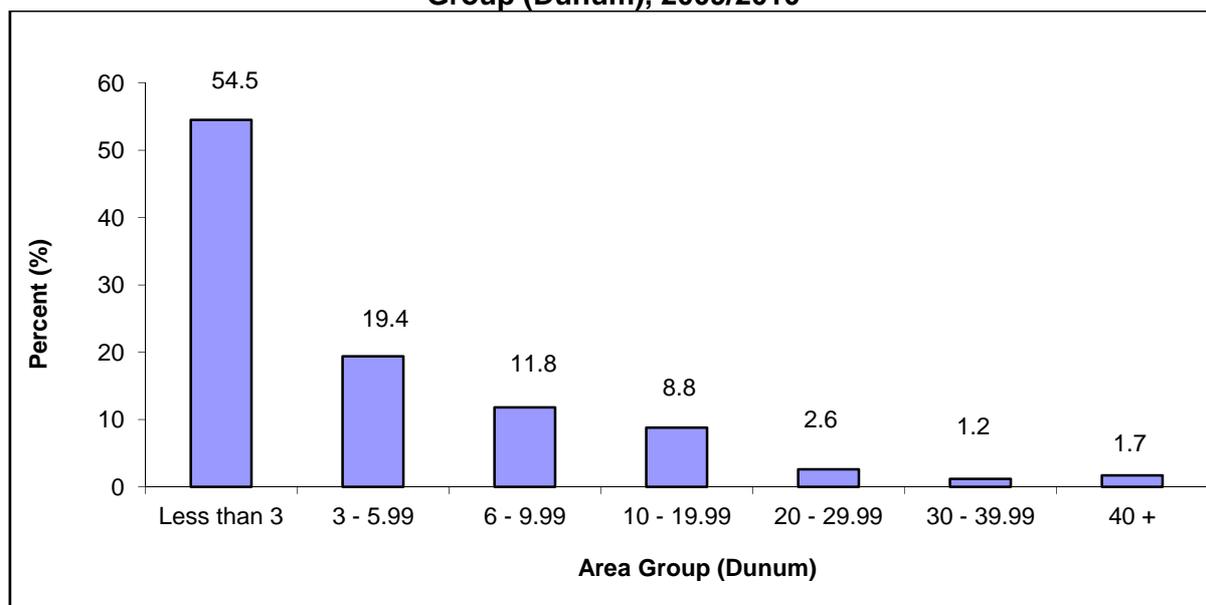


Most agricultural holdings in Deir Al- Balah Governorate 2,577 holdings (83.9%) were held legally by an individual holder, 351 holdings (11.4%) were held by a household, and 143 (4.7%) of agricultural holdings were held by a Partnership. The majority of agricultural holdings in Deir Al- Balah Governorate are managed by the holder: 2,427 holdings (79.0%). Household members manage 563 holdings (18.3%) while holdings managed by a hired manager made up 81 holdings (2.7%).

The main purpose of production of the agricultural holdings in Deir Al- Balah Governorate- 1,580 holdings (51.5%) was mainly for sale during the agricultural year 2009/2010.

According to area of land, 54.5% of agricultural holdings in Deir Al- Balah Governorate (1,673 holdings) were classified as small (less than 3 dunums); 597 holdings (19.4%) were between three to 5.99 dunums in size; 362 holdings (11.8%) were between six and 9.99 dunums in size and 271 holdings (8.8%) were between ten to 19.99 dunums in size. The average size of the agricultural holding in Deir Al- Balah Governorate was 6.1 dunums. The average size of the Plant holding was 6.3 dunums, 0.2 dunums for animal holdings and 11.4 dunums for mixed holdings.

**Percentage Distribution of Agricultural Holdings in Deir Al- Balah Governorate by Area Group (Dunum), 2009/2010**

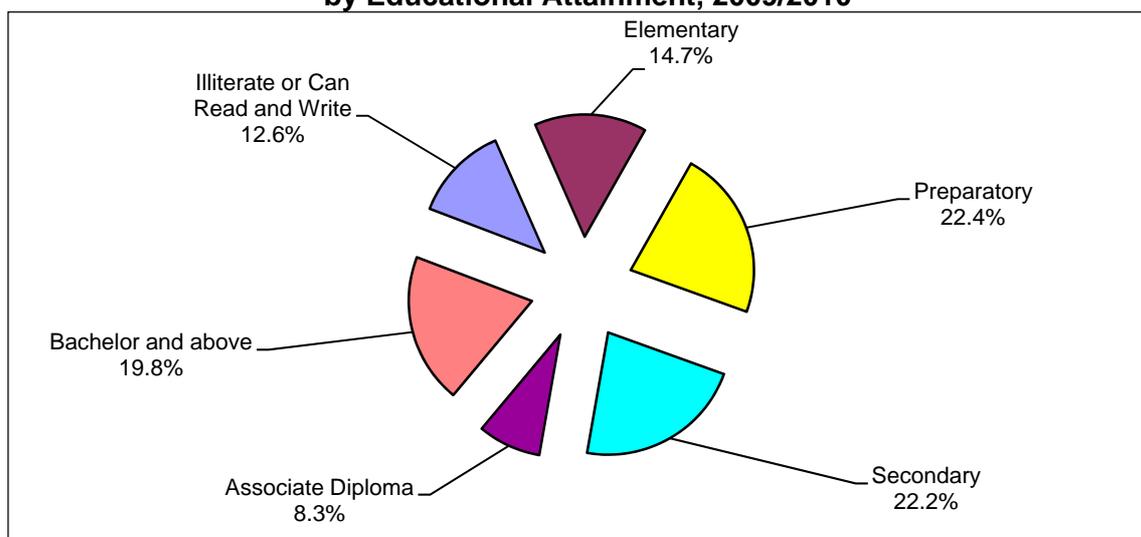


The results indicated that 2,915 of agricultural holdings in Deir Al- Balah Governorate are owned by the agricultural holders (94.9%), while 100 (3.3%) of agricultural holdings are rented or cultivated in return for a share of the production of the holding. Males hold 2,756 (89.7%) of the agricultural holdings in Deir Al- Balah Governorate while females hold 175 holdings (5.7%) and 140 agricultural holdings (4.6%) were held in partnership (male partnership, female partnership, or male/female partnership).

**1.2 Agricultural Holder**

There were 2,900 agricultural holders in Deir Al- Balah Governorate: 814 holders (28.1%) aged 40–49 years, 724 holders (25.0%) aged 50–59 years, and 746 holders (25.7%) aged 60 years or more. For 1,698 holders (58.5%) their main occupation was not in agriculture while for 1,200 holders (41.4%) agriculture was their main occupation. In 2 agricultural holders (0.1%) the main occupation of the holder was not stated. In terms of educational attainment, 650 of agricultural holders (22.4%) had completed preparatory level of education, 643 of agricultural holders (22.2%) had completed Secondary level of education and 574 of holders (19.8%) had bachelor’s degree or higher.

### Percentage Distribution of Agricultural Holders in Deir Al- Balah Governorate by Educational Attainment, 2009/2010



### 1.3 Land Use

The total area of agricultural holdings in Deir Al- Balah Governorate for the 2009/2010 agricultural year was 18,648 dunums. Cultivated land made up 17,422 dunums (93.4%) of the total area of agricultural holdings in Deir Al- Balah Governorate, the largest area of cultivated land were in Deir al- Balah locality with 5,195 dunums (29.8%). Uncultivated land made up 1,226 dunums (6.6%) of the total area of agricultural holdings in Deir Al- Balah Governorate. the largest area of uncultivated land were in Deir al- Balah locality with 319 dunums (26.0%), then Al Bureij locality with (17.4%).

The cultivated land area in Deir Al- Balah Governorate as in 01/10/2010 was 14,425 dunums. Cultivated land area was distributed as 82.8% cultivated land (temporary and permanent crops) and temporary fallow land making up 16.9%. The area with the most cultivated land was in Deir Al- Balah locality with 4,283 dunums (29.7%). Permanent meadows and pastures made up 69.2% of all uncultivated agricultural holdings in Deir Al- Balah Governorate: buildings on holdings accounted for 20.3%, and roads, passages, pools, unroofed barns and wasteland areas accounted for 10.5% of the area of uncultivated agricultural holdings in Deir Al- Balah Governorate.

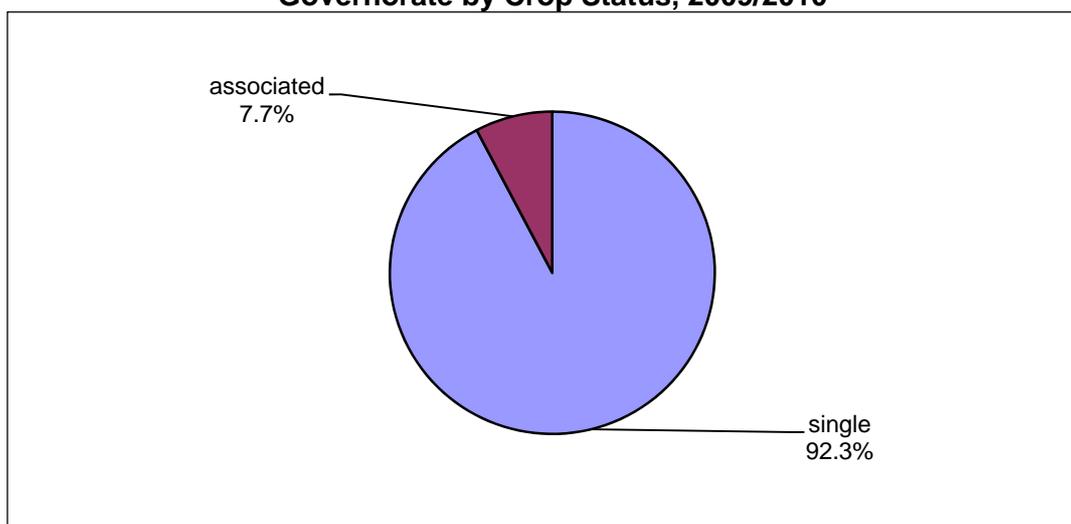
### 1.4 Crops

#### 1. Field crops:

Areas cultivated with field crops totaled 2,669 dunums in Deir Al- Balah Governorate during the 2009/2010 agricultural year: Rainfed field crops made up 1,816 dunums (68.0%) while irrigated field crops totaled 853 dunums (32.0%). The area with the most cultivated crops was Deir Al- Balah locality with 893 dunums (33.4%).

The area of land cultivated with field crops in winter in Deir Al- Balah Governorate was 2,628 dunums while the area cultivated with field crops in summer was 41 dunums. Single crops made up 2,463 dunums, associated crops made up 206 dunums. Harvested field crops accounted for 2,550 dunums: 95.5% of all field crops in Deir Al- Balah Governorate.

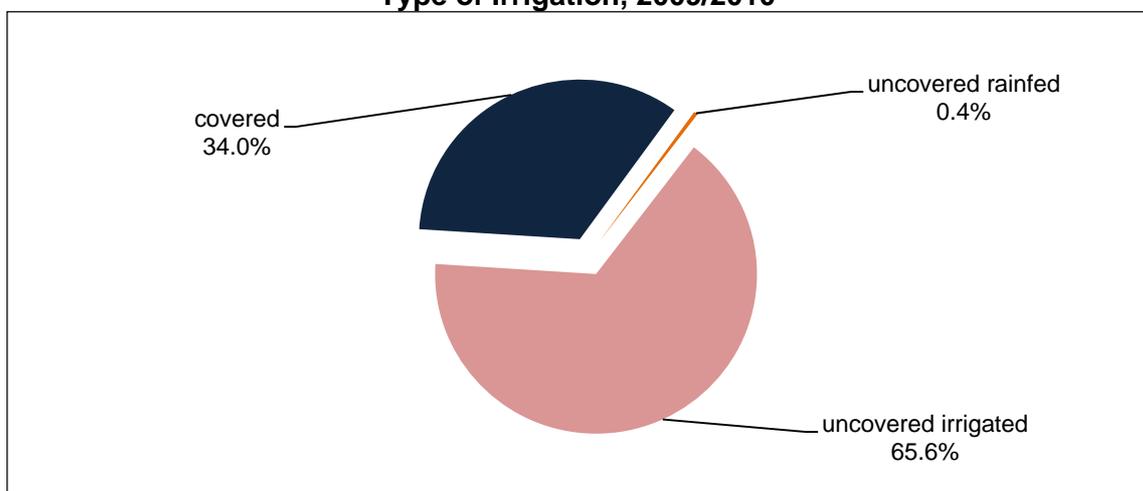
**Percentage Distribution of the Cultivated Field Crops in Deir Al- Balah Governorate by Crop Status, 2009/2010**



**2. Vegetable crops:**

The area of land cultivated with vegetable crops was 3,530 dunums in Deir Al- Balah Governorate during the 2009/2010 agricultural year: Uncovered rainfed vegetable crops were planted on 13 dunums (0.4%), uncovered irrigated vegetable crops on 2,317 dunums (65.6%), in addition to 1,200 dunums (34.0%) of covered vegetable crops. The area with the most cultivated crops was Deir Al- Balah locality with 1,525 dunums (43.2%).

**Percentage Distribution of Vegetable Crops in Deir Al- Balah Governorate by Type of Irrigation, 2009/2010**



The area of land cultivated with vegetable crops in Deir Al- Balah Governorate was 2,010 dunums in winter; 314 dunums in spring; 1,123 dunums in summer; and 83 dunums. The area of land planted with single vegetable crops was 3,360 dunums; associated crops totaled 150 dunums; mixed crops were 20 dunums. The area of harvested vegetable crops in Deir Al- Balah Governorate was 3,223 dunums: 91.3% of all cultivated vegetable crops.

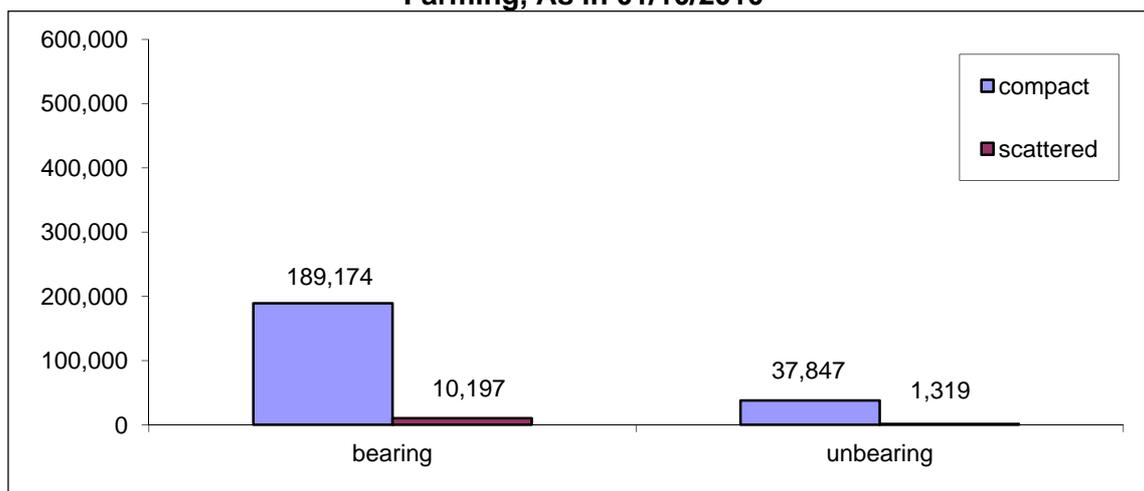
**3. Horticultural crops:**

The area of land cultivated with horticultural crops was 9,293 dunums in Deir Al- Balah Governorate. The percentage area of bearing trees was 83.0% with 17.0% of non-bearing trees. Olive trees made up 60.7% of the total area of horticultural trees in Deir Al- Balah

Governorate. Irrigated horticultural trees accounted for 92.4% of the total area of horticultural trees in Deir Al- Balah Governorate. The results indicated that the percentage area of compact farming in Deir Al- Balah Governorate was 90.6% with 9.4% of scattered farming. Also, 89.5% are single crops, 6.3% mixed crops and 4.2% associated crops.

There were about 238,537 horticultural trees in Deir Al- Balah Governorate: 199,371 bearing trees and 39,166 non-bearing trees; 221,300 irrigated trees; 17,237 rainfed horticultural trees.

**Number of Bearing and Unbearing Trees in Deir Al- Balah Governorate by Type of Farming, As in 01/10/2010**



## 1.5 Livestock

### 1. Cows:

There were 898 cows raised in Deir Al- Balah Governorate: 430 males and 468 females. The breeds of cows in Deir Al- Balah Governorate were 40.4% Holstein-Friesian cows; 43.1% local cows; and 4.0% hybrid cows and 12.5 other cows. Cows bred primarily for milk made up 52.3%, with 47.7% bred for meat. Deir Al- Balah locality raised the most cows (39.3%) in Deir Al- Balah Governorate, then 15.7% in Al Bureij locality on the enumeration day, the first of October 2010.

### 2. Sheep:

There were 8,705 sheep raised in Deir Al- Balah Governorate: 2,175 males and 6,530 females. The breeds of sheep in Deir Al- Balah Governorate were 29.2% local (Awassi) sheep; 60.8% (Assaf) sheep; 9.7% hybrid sheep; and 0.3% other. The percentage of sheep raised primarily for milk was 26.7%, with 73.3% raised primarily for meat. Deir Al- Balah locality raised the most sheep (25.1%) in Deir Al- Balah Governorate, then 17.3% in Az Zawayda locality on the enumeration day, the first of October 2010.

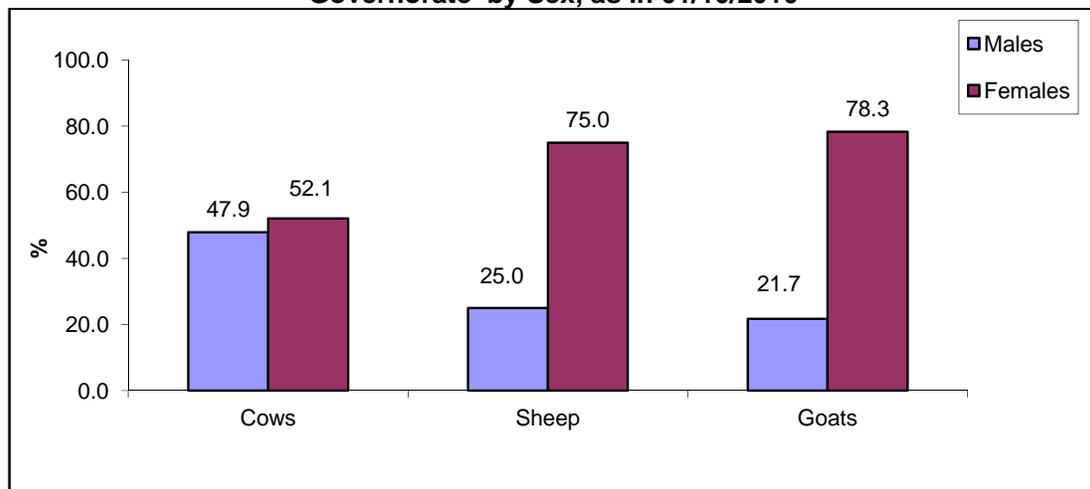
### 3. Goats:

There were 996 goats raised in Deir Al- Balah Governorate: 216 males and 780 females. The breeds of goats in Deir Al- Balah Governorate were 72.9% local goats; 15.5% Shami (Syrian) goats; 9.0% hybrid goats; and 2.6% other. The percentage of goats raised primarily for meat was 57.1% with 42.9% for milk. Deir Al- Balah locality raised the most goats (29.0%) in Deir Al- Balah Governorate then 19.1% in Az Zawayda locality on the enumeration day, the first of October 2010.

#### 4. Camels:

There were 60 camels raised in Deir Al- Balah Governorate: 21 males and 39 females on the enumeration day, the first of October 2010.

**Percentage Distribution of Cows, Goats and Sheep in Deir Al- Balah Governorate by Sex, as in 01/10/2010**



#### 1.6 Poultry Farming

There were two thousand mothers of broiler, 209.2 thousand broilers, 26.2 thousand layers, two thousand mother of broilers, three thousand turkey birds, on the enumeration day, the first of October 2010. In the 2009/2010 agricultural year, there were 1,111.6 thousand poultry of broilers and 7.0 thousand turkeys, of which 5.0 thousand were males and 2.0 thousand females. The area size of poultry barns in Deir Al- Balah Governorate totaled 38.8 thousand m<sup>2</sup>.

#### 1.7 Domestic Poultry

There were 15,075 domestic poultry birds in Deir Al- Balah Governorate; 18,336 pigeons; 598 birds of domestic turkeys; 4,657 rabbits; and 3,507 other domestic birds on the enumeration day, the first of October 2010.

#### 1.8 Bees

There were 1,211 beehives in Deir Al- Balah Governorate of which 1,107 were modern beehives (91.4%) and 104 traditional beehives (8.6%) on the enumeration day, the first of October 2010.

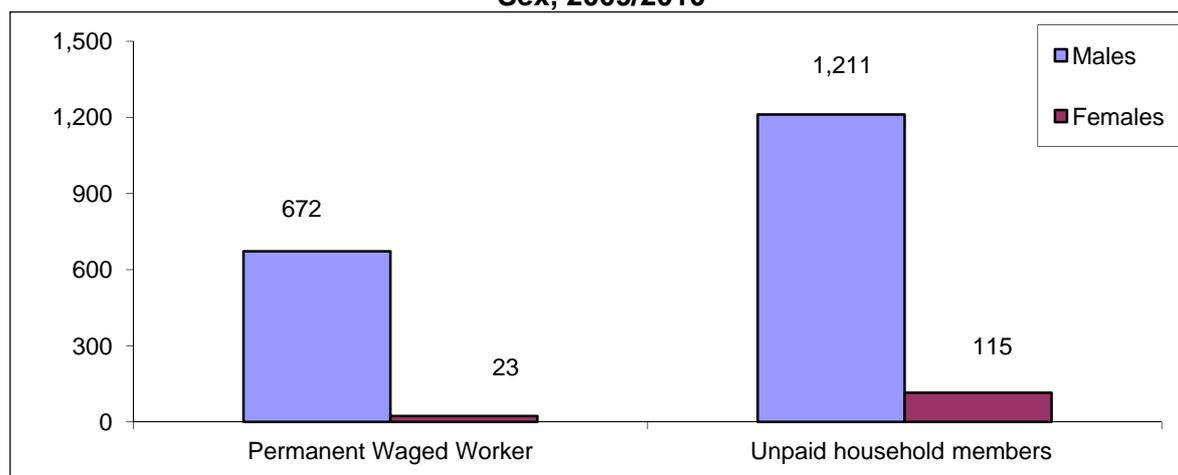
#### 1.9 Other Animals (Equines)

The number of equines animals on agricultural holdings in Deir Al- Balah Governorate was 250 horses, 12 mules and 540 donkeys on the enumeration day, the first of October 2010.

#### 1.10 Agricultural Labor Force

The results indicated that 300 agricultural holdings in Deir Al- Balah Governorate hired permanent waged workers, of which 46.0% hired one permanent waged worker, 49.0% hired two to five permanent waged workers, and 5.0% hired six permanent waged workers or more. The results also indicated that 54.2% of permanent waged workers on agricultural holdings were aged between 18-29 years and 96.7% of permanent waged workers were males.

### Number of Permanent Waged and Unpaid Workers in Deir Al- Balah Governorate by Sex, 2009/2010



There were 1,978 agricultural holdings in Deir Al- Balah Governorate which hired temporary waged workers, of which 76.8% were plant holdings, 1.8% animal holdings and 21.4% mixed holdings.

#### 1.11 Agricultural Applications

The results indicated that 84.4% of all plant and mixed holdings in Deir Al- Balah Governorate used organic fertilizers; 81.2% used chemical fertilizers; 83.2% used agricultural pesticides; 40.0% used improved agricultural assets, and 38.2% used integrated pest management. The results indicated that 86.8% 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; 8.5% of animal and mixed holdings received veterinary services; 0.5% of agricultural holdings received agricultural and veterinary services; and 90.1% did not receive services.

The results indicated that 16.7% of agricultural holdings in Deir Al- Balah Governorate did not receive agricultural extension; 4.2% received agricultural extension mainly from the Ministry of Agriculture; 43.0% from farmers; 1.2% from the mass media; and 11.3% from dealers in agricultural materials.

There were 26 agricultural holdings with fish farms in Deir Al- Balah Governorate. In addition, 928 of agricultural holdings form the main source of income for the household.

The results indicated that Israeli measures deny access to perform farm work to 41 agricultural holdings in Deir Al- Balah Governorate, of a total area of 551 dunums which equivalent to 3.0% of the total area of the agricultural holdings in Deir Al- Balah 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 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 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 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 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 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 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 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 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 Deir Al- Balah Governorate 2009/2010**

Indicator	Percent (%)
Source of irrigation for parcel	0.0
Land tenure for parcel	0.1
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	0.0
Main purpose of production for cattle, sheep, and goat	2.1

## 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 patten 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.