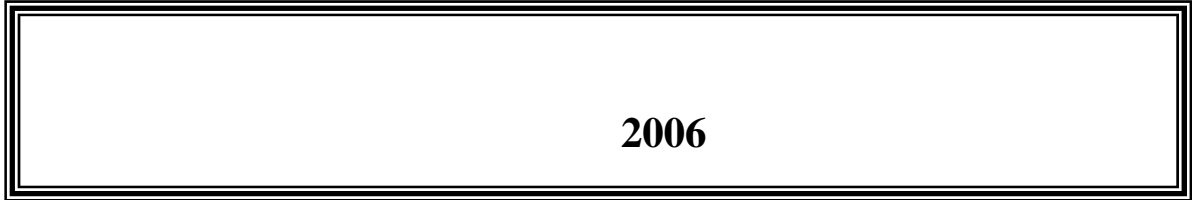


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فخامة الرئيس محمود عباس "أبو مازن"

رئيس اللجنة التنفيذية لمنظمة التحرير الفلسطينية

رئيس السلطة الوطنية الفلسطينية



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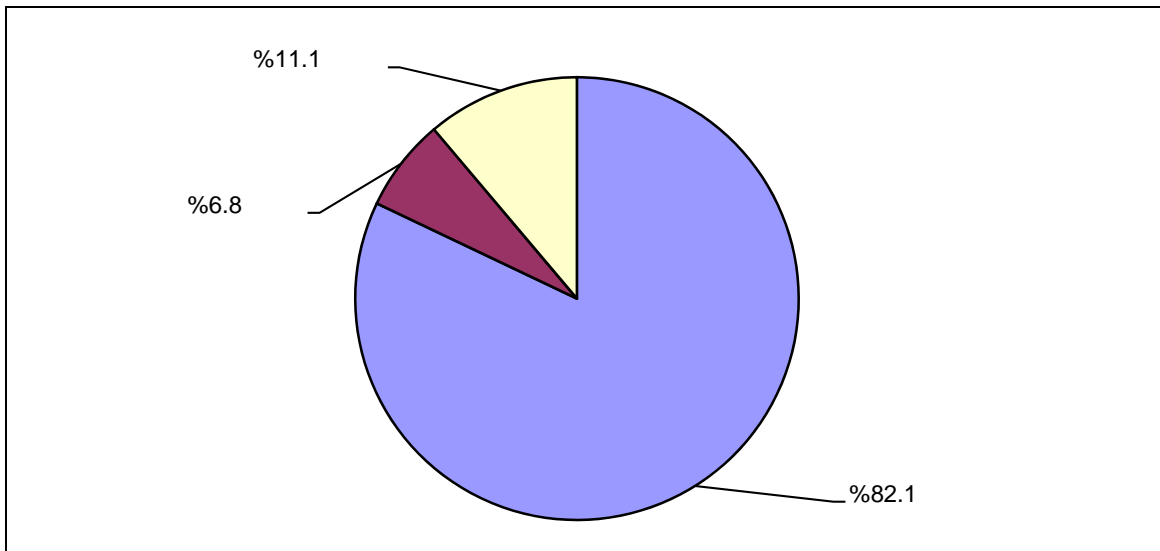
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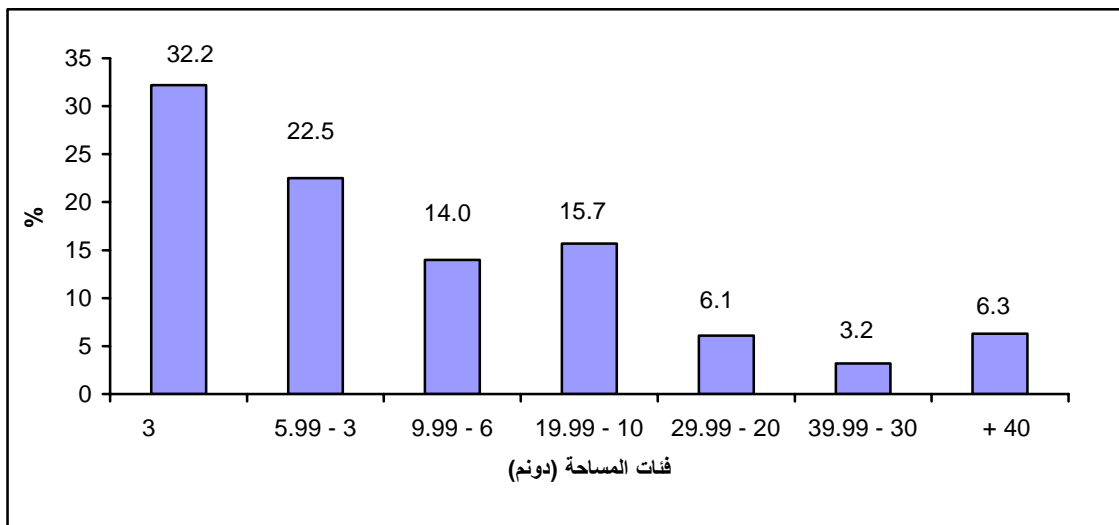
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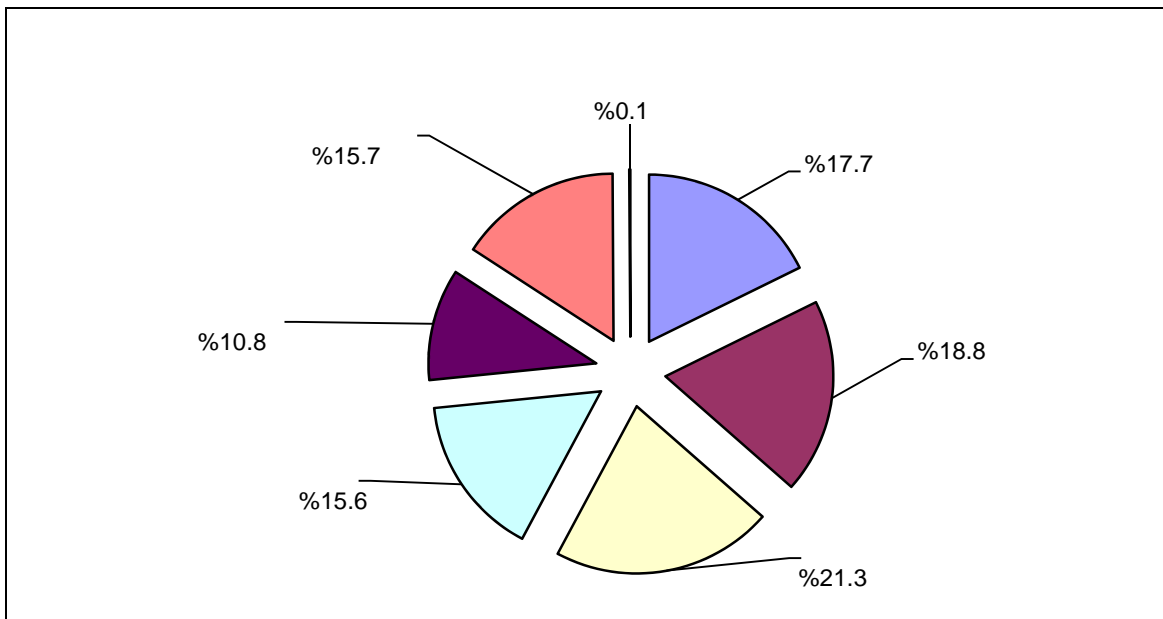


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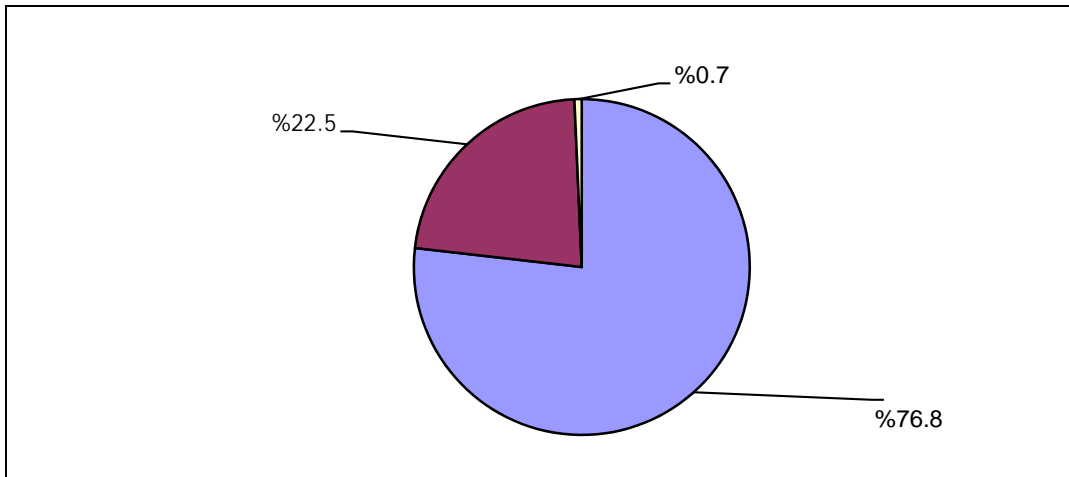


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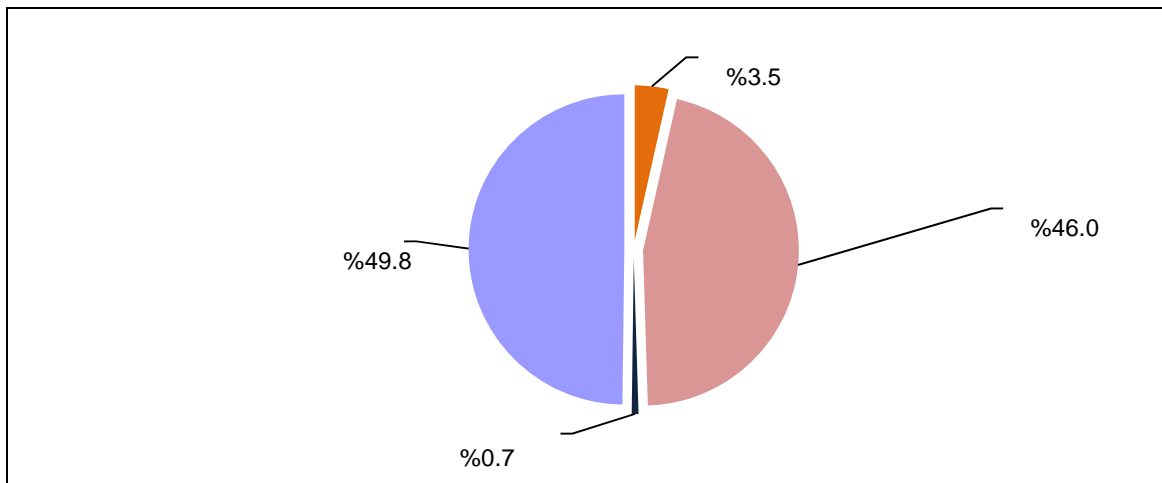
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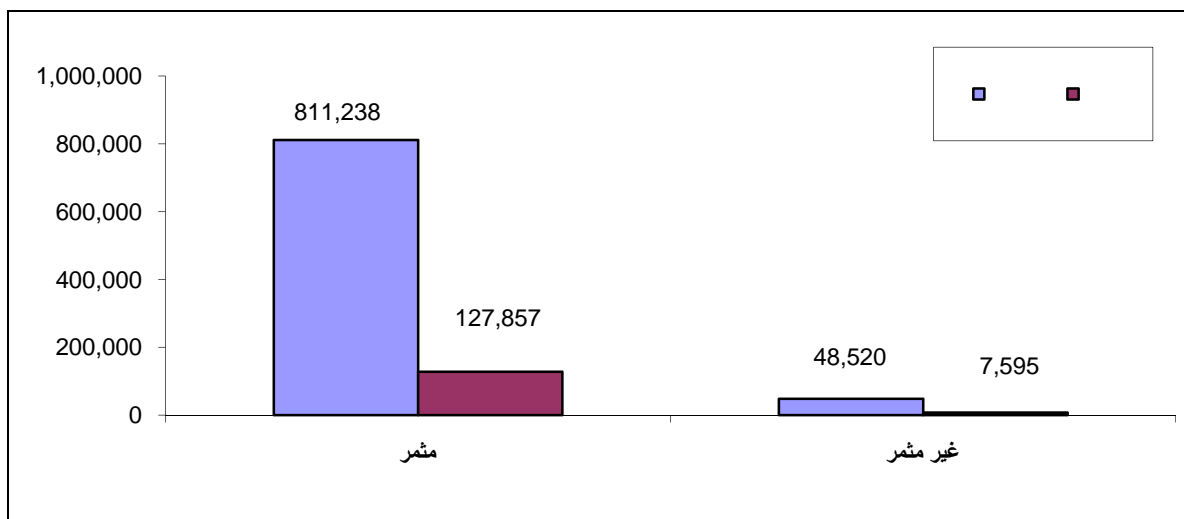
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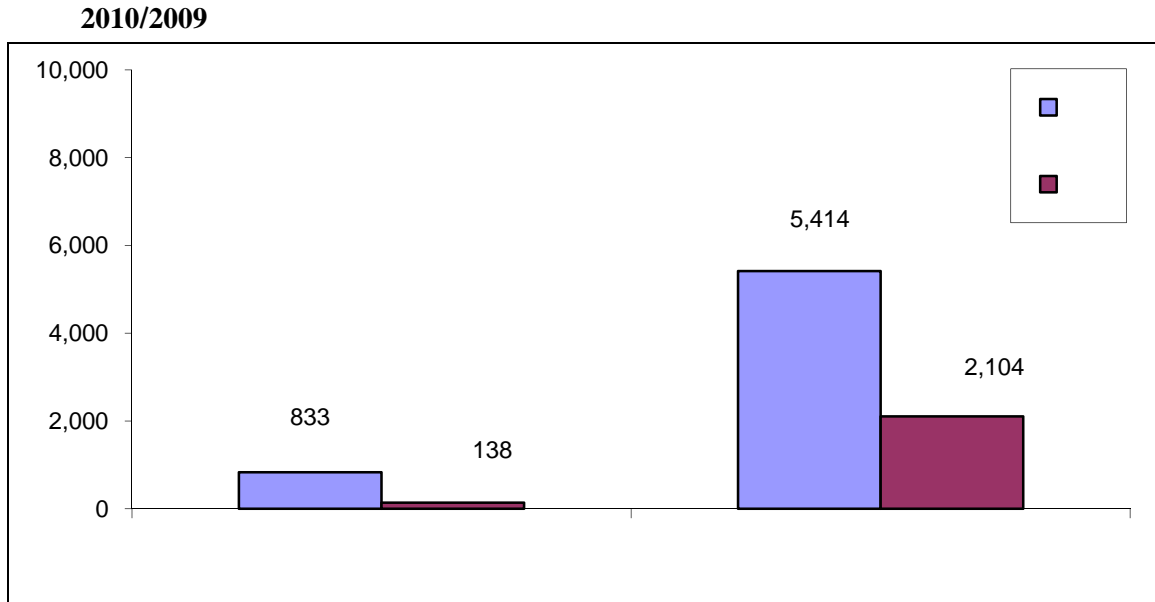
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Tables

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

Locality	Total	Age Group of Holder						
		Not Applicable	Not Stated	+ 60	59 - 50	49 - 40	39 - 30	29 - 15
Tulkarm Governorate	8,042	3	9	2,139	1,966	2,427	1,228	270
'Akkaba	36	-	-	4	7	18	4	3
Qaffin	592	-	-	181	174	154	69	14
Nazlat 'Isa	148	-	-	48	39	32	20	9
An Nazla ash Sharqiya	127	-	2	43	29	27	21	5
Baqa ash Sharqiya	229	-	-	51	52	83	36	7
An Nazla al Wusta	46	-	-	11	12	12	5	6
An Nazla al Gharbiya	93	-	-	15	20	38	16	4
Zeita	187	-	-	45	48	53	37	4
Seida	346	-	-	55	87	102	74	28
'Illar	505	-	2	116	115	167	89	16
'Attil	503	-	-	141	116	152	74	20
Deir al Ghusun	631	-	-	175	154	208	87	7
Al Jarushiya	71	-	-	17	20	23	10	1
Al Masqufa	37	-	-	6	7	17	7	-
Bal'a	454	-	1	111	122	139	61	20
Iktaba	79	-	1	24	18	24	6	6
Nur Shams Camp	35	-	-	6	5	16	7	1
Tulkarm Camp	70	-	-	17	18	18	14	3
Tulkarm	957	3	-	229	277	294	131	23
Anabta	503	-	1	176	98	154	63	11
Kafr al Labad	350	-	1	108	73	94	62	12
Kafa	28	-	-	8	6	8	5	1
Al Haffasi	15	-	-	5	2	2	3	3
Ramin	224	-	-	65	52	78	26	3
Far'un	142	-	-	36	35	45	20	6
Shufa	224	-	-	50	54	61	47	12
Khirbet Jubara	30	-	-	8	10	8	4	-
Saffarin	68	-	-	21	17	24	6	-
Beit Lid	554	-	-	165	121	163	95	10
Ar Ras	50	-	-	9	12	19	9	1
Kafr Sur	101	-	-	26	37	21	13	4
Kur	34	-	-	11	6	10	5	2
Kafr Zibad	108	-	1	34	26	31	13	3
Kafr Jammal	274	-	-	65	58	93	42	16
Kafr 'Abbush	191	-	-	57	39	39	47	9

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

Type of Locality	Total	Main Occupation of Holder المهنة الرئيسية للحائز			
		Not Applicable	Not Stated	Other Than Agriculture	Agriculture
Urban	4,928	3	67	3,689	1,169
Rural	3,009	-	15	1,925	1,069
Camp	105	-	2	63	40
Total	8,042	3	84	5,677	2,278

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

Type of Locality	Total	Educational Attainment of Holder								
		Not Applicable	Not Stated	Bachelor and Above	Associate Diploma	Secondary	Preparatory	Elementary	Can Read and Write	Illiterate
Urban	4,928	3	1	837	547	765	988	1,002	431	354
Rural	3,009	-	1	419	312	474	694	492	311	306
Camp	105	-	-	9	10	15	29	22	8	12
Total	8,042	3	2	1,265	869	1,254	1,711	1,516	750	672

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

Main Purpose of Production	Total	Holding Management Method			
		Not Stated	Member of the Holders Family	Paid Manager	Holder Himself
For Household Consumption	5,974	4	847	122	5,001
For Sale	2,022	4	339	60	1,619
Not Stated	39	12	8	-	19
Total	8,035	20	1,194	182	6,639

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Table 5: Number of Agricultural Holdings in Tulkarm 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	2,588	18	670	1,900	2.99
3 - 5.99	1,811	4	392	1,415	5.99 - 3
6 - 9.99	1,121	6	254	861	9.99 - 6
10 - 19.99	1,261	5	318	938	19.99 - 10
20 - 29.99	494	3	134	357	29.99 - 20
30 - 39.99	255	1	81	173	39.99 - 30
40 - 49.99	150	1	44	105	49.99 - 40
50 - 59.99	94	1	31	62	59.99 - 50
60 - 69.99	63	-	23	40	69.99 - 60
70 - 79.99	41	-	15	26	79.99 - 70
80 +	157	-	60	97	+ 80
Total	8,035	39	2,022	5,974	

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Table 6: Number of Agricultural Holdings in Tulkarm 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	264	2	58	204	
2 - 3	1,467	8	309	1,150	3 - 2
4 - 5	1,802	5	458	1,339	5 - 4
6 - 9	4,069	21	1,055	2,993	9 - 6
10 +	429	3	139	287	+ 10
Not Applicable	4	-	3	1	
Total	8,035	39	2,022	5,974	

2010/2009

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

Land Tenure	Total	Main Purpose of Production		
		Not Stated	For Sale	For Household Consumption
Owned or Owned Like Possession	6,632	32	1,297	5,303
Rented	498	2	335	161
Held Under Atribal or Traditional Form	4	1	-	3
More Than One Type of Land Tenure	590	-	255	335
Not Stated	311	4	135	172
Total	8,035	39	2,022	5,974

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

Main Purpose of Production	Total	Type of Holding			نوع الحيازة
		Mixed	Animal	Plant	
For Household Consumption	5,974	459	224	5,291	
For Sale	2,022	435	317	1,270	
Not Stated	39	2	3	34	
Total	8,035	896	544	6,595	

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

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

Area in Dunums

Locality	Total	Type of Land Use								
		Cultivated Land					Un Cultivated Land			
		Total	Nurseries	Land Under Temporarily Fallow	Wooded Land	Cultivated Land	Total	Others *	() Permanent Meadows and Pastures	Buildings Used for Holdings
Tulkarm Governorate	98,355.05	88,045.17	57.32	2,429.18	47.47	85,511.20	10,309.88	474.20	9,443.60	392.08
'Akkaba	926.64	919.00	-	-	-	919.00	7.64	-	-	7.64
Qaffin	5,511.63	5,070.01	-	60.50	-	5,009.51	441.62	11.99	422.25	7.38
Nazlat 'Isa	1,450.51	1,424.48	-	53.05	1.00	1,370.43	26.03	-	25.25	0.78
An Nazla ash Sharqiya	1,725.82	1,416.70	-	96.00	-	1,320.70	309.12	12.05	291.20	5.87
Baqa ash Sharqiya	2,055.26	2,027.83	6.00	94.85	-	1,926.98	27.43	7.24	13.40	6.79
An Nazla al Wusta	669.60	613.31	0.50	29.20	-	583.61	56.29	2.50	51.00	2.79
An Nazla al Gharbiya	806.48	791.84	-	16.00	-	775.84	14.64	0.18	10.50	3.96
Zeita	1,050.32	1,004.74	2.50	18.50	-	983.74	45.58	3.77	34.50	7.31
Seida	2,370.91	2,230.51	-	14.96	0.50	2,215.05	140.40	3.61	120.30	16.49
'Illar	5,242.02	4,824.83	1.70	38.27	-	4,784.86	417.19	5.94	384.80	26.45
'Attil	2,553.16	2,451.09	1.00	121.95	1.00	2,327.14	102.07	10.54	61.59	29.94
Deir al Ghusun	6,142.99	5,967.53	30.50	246.50	4.00	5,686.53	175.46	15.43	150.32	9.71
Al Jarushiya	860.90	840.83	0.75	10.03	-	830.05	20.07	0.27	18.00	1.80
Al Masqufa	183.14	183.01	-	-	0.09	182.92	0.13	-	-	0.13
Bal'a	4,882.95	4,657.23	-	19.00	0.12	4,638.11	225.72	1.35	161.63	62.74
Iktaba	537.94	505.60	-	20.00	-	485.60	32.34	8.90	17.54	5.90
Nur Shams Camp	31.08	28.68	-	-	-	28.68	2.40	0.02	1.00	1.38
Tulkarm Camp	1.30	1.00	-	-	-	1.00	0.30	-	-	0.30

جدول 9 (تابع): مساحة الحيازات الزراعية في محافظة طولكرم حسب نوع استخدام الارض والتجمع، كما هو الحال في 2010/10/01

Table 9 (Cont.): Area of Agricultural Holdings in Tulkarm Governorate by Type of Land Use and Locality, As in 01/10/2010

Area in Dunums

Locality	Total	Type of Land Use								
		Cultivated Land					Un Cultivated Land			
		Total	Nurseries	Land Under Temporarily Fallow	Wooded Land	Cultivated Land	Total	Others *	() Permanent Meadows and Pastures	Buildings Used for Holdings
Tulkarm	4,525.18	4,272.49	8.87	234.82	1.60	4,027.20	252.69	34.91	146.52	71.26
Anabta	5,461.51	4,956.25	2.00	97.40	2.03	4,854.82	505.26	45.75	442.46	17.05
Kafr al Labad	5,831.83	5,192.55	1.50	79.63	1.00	5,110.42	639.28	22.49	608.05	8.74
Kafa	1,075.22	657.87	1.50	34.30	5.00	617.07	417.35	71.72	342.55	3.08
Al Haffasi	323.08	246.92	-	50.25	-	196.67	76.16	15.44	60.00	0.72
Ramin	4,350.73	3,679.62	-	115.55	1.00	3,563.07	671.11	49.87	614.97	6.27
Far'un	2,210.97	2,042.58	0.50	181.81	0.10	1,860.17	168.39	23.50	135.65	9.24
Shufa	5,298.14	4,515.73	-	186.35	-	4,329.38	782.41	0.04	764.40	17.97
Khirbet Jubara	1,002.13	866.19	-	22.29	0.03	843.87	135.94	0.82	128.50	6.62
Saffarin	1,694.26	1,281.84	-	16.50	-	1,265.34	412.42	29.45	379.50	3.47
Beit Lid	9,326.05	8,119.81	-	208.80	-	7,911.01	1,206.24	32.11	1,162.67	11.46
Ar Ras	1,627.79	1,320.05	-	12.15	4.00	1,303.90	307.74	0.30	306.00	1.44
Kafr Sur	3,699.23	3,605.09	-	65.50	15.00	3,524.59	94.14	2.10	76.00	16.04
Kur	1,527.29	1,330.99	-	64.70	11.00	1,255.29	196.30	58.11	136.19	2.00
Kafr Zibad	4,754.34	4,046.77	-	68.50	-	3,978.27	707.57	0.50	705.50	1.57
Kafr Jammal	3,903.44	3,328.82	-	52.75	-	3,276.07	574.62	3.30	561.36	9.96
Kafr 'Abbush	4,741.21	3,623.38	-	99.07	-	3,524.31	1,117.83	-	1,110.00	7.83

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

*أخرى:

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Table 10: Cultivated Area of Horticulture Trees, Vegetables and Field Crops in Tulkarm Governorate by Locality, 2009/2010

Area in Dunums

Locality	Total	Field Crops	Vegetables	Horticulture Trees
Tulkarm Governorate	73,742	3,549	8,475	61,718
'Akkaba	363	-	-	363
Qaffin	4,326	170.04	78	4,078
Nazlat 'Isa	1,291	68	86	1,137
An Nazla ash Sharqiya	767	23.5	18	726
Baqa ash Sharqiya	2,244	160.12	1,005	1,079
An Nazla al Wusta	714	12.5	103	599
An Nazla al Gharbiya	886	30	185	672
Zeita	1,276	35.5	816	425
Seida	2,385	51	119	2,215
'Illar	4,674	167.05	1,227	3,280
'Attil	2,852	123	1,407	1,322
Deir al Ghusun	5,115	28.73	838	4,249
Al Jarushiya	742	1	9	732
Al Masqufa	159	4.3	2	153
Bal'a	4,067	90.8	106	3,870
Iktaba	545	17.5	46	482
Nur Shams Camp	36	4.5	22	10
Tulkarm Camp	-	-	-	-
Tulkarm	4,701	571.9	1,704	2,425
Anabta	4,019	221.2	138	3,661
Kafr al Labad	4,311	164.2	81	4,066
Kafa	565	66.5	65	434
Al Haffasi	148	10	12	126
Ramin	2,744	344.69	9	2,391
Far'un	1,371	212.5	61	1,098
Shufa	2,897	119.7	171	2,606
Khirbet Jubara	508	14	47	447
Saffarin	1,583	18	1	1,564
Beit Lid	7,166	498.85	33	6,634
Ar Ras	603	-	20	584
Kafr Sur	1,478	5.3	8	1,465
Kur	1,133	4	7	1,122
Kafr Zibad	2,305	50.05	20	2,235
Kafr Jammal	3,041	193.5	33	2,815
Kafr 'Abbush	2,728	66.95	3	2,658

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

Source of Extension	Total	Mixed	Animal	Plant	
Ministry of Agriculture	1,063	257	159	647	
Veterinary	175	30	18	127	
Media	122	13	13	96	
Whole Sillers of the Agricultural Materials	503	63	26	414	
Farmers	2,969	266	105	2,598	
Institutions and international bodies	39	2	2	35	
Others	524	55	69	400	
Not received extension	2,608	205	148	2,255	
Not Stated	32	5	4	23	
Total	8,035	896	544	6,595	

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

أخرى*:

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

Type of Holding	Total	Method of Holding Management أسلوب إدارة الحيازة			
		Not Stated	Member of the Holders Family	Paid Manager	Holder Himself
Plant	6,595	17	959	164	5,455
Animal	544	2	96	12	434
Mixed	896	1	139	6	750
Total	8,035	20	1,194	182	6,639

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

Area Group of Holding in Dunum	Total	Type of Holding			
		Mixed	Animal	نوع الحيازة Plant	
Up to 2.99	2,588	180	533	1,875	2.99
3 - 5.99	1,811	177	9	1,625	5.99 - 3
6 - 9.99	1,121	127	2	992	9.99 - 6
10 - 19.99	1,261	184	-	1,077	19.99 - 10
20 - 29.99	494	80	-	414	29.99 - 20
30 - 39.99	255	34	-	221	39.99 - 30
40 - 49.99	150	25	-	125	49.99 - 40
50 - 59.99	94	17	-	77	59.99 - 50
60 - 69.99	63	19	-	44	69.99 - 60
70 - 79.99	41	9	-	32	79.99 - 70
80 +	157	44	-	113	+ 80
Total	8,035	896	544	6,595	
Average of Holding Size (Dunum)	12.25	20.83	0.30	12.07	()

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

Land Tenure	Total	Type of Holdings			
		Mixed	Animal	Plant	
Owned or Owned Like Possesstion	6,632	618	335	5,679	
Rented	498	39	13	446	
Held Under Atriabal or Traditional Form	4	-	1	3	
Govera-mented or Waqf	-	-	-	-	
More Than One Type of Land Tenure	590	225	3	362	
Not Stated	311	14	192	105	
Total	8,035	896	544	6,595	المجموع

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Table 15: Number of Agricultural Holdings in Tulkarm Governorate by Holding Management Method and Size of Holder Household, 2009/2010

Size of Holder Household	Total	Holding Management method				
		Not Stated	Member of the Holders Family	Paid Manager	Holder Himself	
One Person	264	3	22	16	223	
2 - 3	1,467	2	205	53	1,207	3 - 2
4 - 5	1,802	1	256	36	1,509	5 - 4
6 - 9	4,069	12	628	63	3,366	9 - 6
10 +	429	2	82	11	334	+ 10
Not Applicable	4	-	1	3	-	
Total	8,035	20	1,194	182	6,639	

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Table 16: Number of Agricultural Holdings in Tulkarm Governorate by Type of Governmental Service and Type of Agricultural Holding, 2009/2010

Type of Agricultural Holdings	Total	Type of Governmental Service					
		Not Stated	Don't Receive	Both Agricultural and Veterinary	Veterinary	Agricultural	
Plant	6,595	27	6,060	-	-	508	
Animal	544	2	217	-	325	-	
Mixed	896	4	422	66	303	101	
Total	8,035	33	6,699	66	628	609	

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

Area Group of Holding in Dunum	Total	Legal Status of Holder				
		Others*	Household	Partnership	Individual	
Up to 2.99	2,588	1	137	91	2359	2.99
3-5.99	1,811	-	102	116	1593	5.99 - 3
6-9.99	1,121	-	82	81	958	9.99 - 6
10-19.99	1,261	-	81	126	1054	19.99 - 10
20-29.99	494	-	34	62	398	29.99 - 20
30-39.99	255	-	20	34	201	39.99 - 30
40-49.99	150	1	10	21	118	49.99 - 40
50-59.99	94	-	14	12	68	59.99 - 50
60-69.99	63	-	5	10	48	69.99 - 60
70-79.99	41	2	3	6	30	79.99 - 70
80+	157	-	14	25	118	+ 80
Total	8,035	4	502	584	6,945	

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

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

Legal Status of Holder	Total	Main Purpose of Production			
		Not Stated	For Sale	For Household Consuming	
An Individual	6,945	34	1,751	5,160	
Partnership	584	3	156	425	
Household	502	2	112	388	
Others*	4	-	3	1	*
Total	8,035	39	2,022	5,974	

*Others: include Company, Government, Cooperative Society, and Othes.

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Table 19: Number of Agricultural Holdings in Tulkarm Governorate by Method of Holding Management and Area Group of Holding, 2009/2010

Area Group of Holding in Dunum	Total	Method of Holding Management				
		Not Stated	Member of the Holders Family	Paid Manager holder Himself		
Up to 2.99	2,588	9	417	46	2116	2.99
3 - 5.99	1,811	5	275	44	1487	5.99 - 3
6 - 9.99	1,121	-	166	18	937	9.99 - 6
10 - 19.99	1,261	3	174	34	1050	19.99 - 10
20 - 29.99	494	2	63	14	415	29.99 - 20
30 - 39.99	255	-	40	9	206	39.99 - 30
40 - 49.99	150	-	11	7	132	49.99 - 40
50 - 59.99	94	-	12	2	80	59.99 - 50
60 - 69.99	63	1	11	2	49	69.99 - 60
70 - 79.99	41	-	3	2	36	79.99 - 70
80 +	157	-	22	4	131	+ 80
Total	8,035	20	1,194	182	6,639	

2010/2009

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

Sex of Holder	Total	Holding Management method			
		Not Stated	Member of the Holders Family	Paid Manager	Holder Himself
Male	6,648	15	928	131	5,574
Female	790	4	159	36	591
Co-holders are Males	322	1	42	11	268
Co-holders are Female	17	-	1	-	16
Co-holders are Males and Females	250	-	63	1	186
Not Stated	4	-	-	-	4
Not Applicable	4	-	1	3	-
Total	8,035	20	1,194	182	6,639

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

Sex of Holder	Total	Type of Holding			
		Mixed	Animal	Plant	
Male	6,648	819	507	5,322	
Female	790	25	11	754	
Co-holders are Males	322	36	22	264	
Co-holders are Females	17	-	-	17	
Co-holders are Both Males and Females	250	15	4	231	
Not Stated	4	-	-	4	
Not Applicable	4	1	-	3	
Total	8,035	896	544	6,595	

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

Area Group of Holding in Dunum	Total	Age Groups of Holder							
		Not Applicable	Not Stated	+ 60	59 - 50	49 - 40	39 - 30	29 - 15	
Up to 2.99	2,588	1	4	458	570	884	530	141	2.99
3 - 5.99	1,811	-	2	404	482	601	275	47	5.99 - 3
6 - 9.99	1,121	-	-	300	292	333	165	31	9.99 - 6
10 - 19.99	1,261	-	2	433	332	320	144	30	19.99 - 10
20 - 29.99	494	-	-	189	127	116	55	7	29.99 - 20
30 - 39.99	255	-	-	110	51	66	24	4	39.99 - 30
40 - 49.99	150	1	-	74	36	28	10	1	49.99 - 40
50 - 59.99	94	-	-	41	18	19	12	4	59.99 - 50
60 - 69.99	63	-	-	36	10	14	3	-	69.99 - 60
70 - 79.99	41	2	-	11	14	9	5	-	79.99 - 70
80 +	157	-	1	76	26	40	11	3	+ 80
Total	8,035	4	9	2,132	1,958	2,430	1,234	268	

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

Area Group of Holding in Dunum	Sex of Holder								
	Total	Not Applicable	Not Stated	Co-holders are Males & Females	Co-holders are Females	Co-holders are Males	Female	Male	
Up to 2.99	2,588	1	-	33	4	56	276	2,218	2.99
3 - 5.99	1,811	-	-	48	7	60	183	1,513	5.99 - 3
6 - 9.99	1,121	-	-	44	4	37	109	927	9.99 - 6
10 - 19.99	1,261	-	3	61	2	61	123	1,011	19.99 - 10
20 - 29.99	494	-	1	22	-	40	48	383	29.99 - 20
30 - 39.99	255	-	-	11	-	23	24	197	39.99 - 30
40 - 49.99	150	1	-	9	-	13	12	115	49.99 - 40
50 - 59.99	94	-	-	4	-	8	8	74	59.99 - 50
60 - 69.99	63	-	-	4	-	6	2	51	69.99 - 60
70 - 79.99	41	2	-	4	-	2	1	32	79.99 - 70
80 +	157	-	-	10	-	16	4	127	+ 80
Total	8,035	4	4	250	17	322	790	6,648	

2010/2009

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

Area Group of Holding in Dunum	Total							
		Not Applicabl	10 +	9 - 6	5 - 4	3 - 2	One Person	
Up to 2.99	2,588	1	135	1,407	605	372	68	2.99
3 - 5.99	1,811	-	91	948	394	305	73	5.99 - 3
6 - 9.99	1,121	-	62	551	263	209	36	9.99 - 6
10 - 19.99	1,261	-	60	622	262	279	38	19.99 - 10
20 - 29.99	494	-	24	218	122	105	25	29.99 - 20
30 - 39.99	255	-	20	118	42	65	10	39.99 - 30
40 - 49.99	150	1	8	60	32	44	5	49.99 - 40
50 - 59.99	94	-	3	41	21	25	4	59.99 - 50
60 - 69.99	63	-	8	16	19	17	3	69.99 - 60
70 - 79.99	41	2	2	19	10	7	1	79.99 - 70
80 +	157	-	16	69	32	39	1	+ 80
Total	8,035	4	429	4,069	1,802	1,467	264	

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

Type of Agricultural Practices	Type of holding				
	Total	Mixed	Animal	Plant	
Treated and Improved Assets	1,529	213	-	1,316	
Organic Fertilizers	5,370	747	-	4,623	
Chemical Fertilizers	2,742	334	-	2,408	
Pesticides	4,626	588	-	4,038	
Biological Control	1,382	182	-	1,200	
Vaccination Against Epidemical Diseases	1,211	722	489	-	

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

Type of Agricultural Practice	Total	Legal Status of Holder			
		Others*	Household	Partnership	Individual
Treated and Improved Assets	1,529	2	85	123	1,319
Organic Fertilizers	5,370	3	347	388	4,632
Chemical Fertilizers	2,742	3	187	217	2,335
Pesticides	4,626	3	297	381	3,945
Biological Control	1,382	2	75	135	1,170
Vaccination Against Epidemical Diseases	1,211	1	75	66	1,069

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

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Table 27: Number of Agricultural Holdings which Use Agricultural Practices in Tulkarm 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	2.99 Up to 2.99
Treated and Improved Assets	1,529	38	7	10	14	24	54	105	260	237	372	408
Organic Fertilizers	5,370	119	34	48	68	101	193	357	944	810	1,317	1,379
Chemical Fertilizers	2,742	61	20	17	43	54	111	181	494	406	670	685
Pesticides	4,626	116	32	48	77	96	182	331	848	725	1,119	1,052
Biological Control	1,382	39	5	12	15	27	52	83	224	209	346	370
Vaccination Against Epidemical Diseases	1,211	34	8	17	15	22	30	67	145	103	145	625

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

Type of Agricultural Practice	Total	Purpose of production		
		Not Stated	For Sale	For Household Consumption
Treated and Improved Assets	1,529	4	878	647
Organic Fertilizers	5,370	15	1,454	3,901
Chemical Fertilizers	2,742	9	1,162	1,571
Pesticides	4,626	13	1,414	3,199
Biological Control	1,382	4	584	794
Vaccination Against Epidemical Diseases	1,211	4	649	558

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Table 29: Number of Agricultural Holdings which Use Agricultural Practices in Tulkarm 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	
Agriculture	24	40	103	79	121	47	
Male	23	39	94	73	110	43	
Female	-	-	1	1	2	1	
Co-holders are Male	1	1	4	2	5	1	
Co-holders are Male & Female	-	-	4	3	4	2	
Not Agriculture	402	463	1,775	1,098	2,067	558	
Male	373	389	1,546	954	1,792	492	
Female	3	17	69	39	87	17	
Co-holders are Male	22	33	88	53	98	32	
Co-holders are Female	-	1	1	1	2	1	
Co-holders are Male & Female	4	23	69	49	86	16	
Not Stated	-	-	2	2	2	-	
Not Stated	22	55	153	87	163	62	غير مبين
Male	18	40	133	81	137	56	
Female	-	5	6	1	10	1	
Co-holders are Male	4	7	8	4	12	2	
Co-holders are Male & Female	-	3	6	1	4	3	
Not Applicable	763	824	2,595	1,478	3,019	862	لا ينطبق
Male	697	674	2,062	1,220	2,448	725	
Female	28	81	328	149	386	66	
Co-holders are Male	24	40	111	60	99	46	
Co-holders are Female	-	3	9	3	6	1	
Co-holders are Male & Female	13	24	80	43	76	22	
Not Stated	-	-	2	-	1	-	
Not Applicable	1	2	3	3	3	2	
Total	1,211	1,382	4,626	2,742	5,370	1,529	المجموع

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2010/2009

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

Educational Attainment and Sex	Type of Agricultural Practice					
	Vaccination Against Epidemical Diseases	Biological Control	Pesticides	Chemical Fertilizers	Organic Fertilizers	Treated and Improved Assets
Illiterate	72	116	367	168	412	83
Male	54	60	155	77	184	48
Female	14	44	183	79	202	31
Co-holders are Male	2	3	6	3	6	1
Co-holders are Female	-	2	4	1	3	1
Co-holders are Male & Female	2	7	18	8	16	2
Not Stated	-	-	1	-	1	-
Can Read and Write	134	126	401	208	477	116
Male	120	107	334	175	404	102
Female	8	12	37	18	47	9
Co-holders are Male	3	3	13	5	12	3
Co-holders are Female	-	-	2	1	2	-
Co-holders are Male & Female	3	4	15	9	12	2
Elementary	263	250	854	477	989	258
Male	250	219	738	419	865	218
Female	3	15	61	27	70	16
Co-holders are Male	8	12	35	20	31	17
Co-holders are Female	-	-	1	-	1	-
Co-holders are Male & Female	2	4	19	11	22	7
Preparatory	293	330	970	622	1,138	403
Male	273	288	835	549	995	357
Female	3	10	47	25	67	10
Co-holders are Male	11	22	57	32	50	25
Co-holders are Female	-	1	2	1	-	-
Co-holders are Male & Female	6	9	28	15	26	11
Not Stated	-	-	1	-	-	-
Secondary	219	238	738	484	868	288
Male	209	201	658	432	767	261
Female	2	10	29	16	41	7
Co-holders are Male	8	16	29	23	34	11
Co-holders are Female	-	1	1	1	1	1
Co-holders are Male & Female	-	10	21	12	25	8

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Table 30 (cont): Number of Agricultural Holdings which Use Agricultural Practices in Tulkarm Governorate by Educational Attainment, Sex of Holder and Type of Agricultural Practice, 2009/2010

Educational Attainment and Sex	Type of Agricultural Practice					
	Vaccination Against Epidemical Diseases	Biological Control	Pesticides	Chemical Fertilizers	Organic Fertilizers	Treated and Improved Assets
Associate Diploma	112	124	520	291	591	159
Male	104	101	447	254	506	138
Female	1	5	24	12	31	6
Co-holders are Male	6	12	29	9	29	9
Co-holders are Female	-	-	-	-	1	-
Co-holders are Male & Female	1	6	19	15	23	6
Not Stated	-	-	1	1	1	-
Bachelor and Above	117	196	772	489	892	220
Male	101	166	667	422	766	192
Female	-	7	23	13	27	6
Co-holders are Male	13	13	42	27	52	15
Co-holders are Female	-	-	-	-	-	-
Co-holders are Male & Female	3	10	39	26	46	7
Not Stated	-	-	1	1	1	-
Not Stated	-	-	1	-	-	-
Male	-	-	1	-	-	-
Not Applicable	1	2	3	3	3	2
Total	1,211	1,382	4,626	2,742	5,370	1,529

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

Type of Crop	Agricultural Session		
	Summer	Winter	
Wheat	-	409	
Sorghum	4	2	
Barley	1	56	
Broom Corn	2	1	
Dry Garlic	-	2	
Dry Onion	5	13	
Peanut	2	-	()
Safflower	-	6	
Sesame	34	6	
Anise	-	1	
Meramieh	-	2	
Ment	4	3	
Thyme	5	103	
Chamomile	-	1	
Black Cumin	-	1	
Other Beverage Crops	-	1	
Broad Bean	1	54	()
Chick Peas	-	14	()
Dry Cowpea (green)	3	-	()
Lentil	-	4	
Peas	-	12	
Fenugreek	-	4	
Vetch	-	31	
Sern	-	47	
Clover	-	8	
Tobacco	5	-	
Local Tobacco	2	-	

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

Table 32: Number of Agricultural Holdings which have Field Crops in Tulkarm Governorate by Status of Crop and Type of Crop, 2009/2010

Type of Crop	Status of Crop			
	Mixed	Associated	Single	
Wheat	3	123	288	
Sorghum	-	3	3	
Barley	3	18	37	
Broom Corn	-	2	1	
Dry Garlic	-	1	1	
Dry Onion	-	7	11	
Peanut	-	-	2	()
Safflower	-	3	3	
Sesame	-	12	28	
Anise	-	-	1	
Meramieh	-	1	1	
Ment	-	1	6	
Thyme	1	15	94	
Chamomile	1	-	-	
Black Cumin	-	1	-	
Other Beverage Crops	-	-	1	
Broad Bean	-	27	28	()
Chick Peas	-	7	7	()
Cowpea	-	-	3	()
Lentil	-	3	1	
Peas	-	7	5	()
Fenugreek	-	3	1	
Vetch	1	12	19	
Sern	1	24	22	
Clover	-	3	5	
Tobacco	-	2	3	
Local Tobacco	-	-	2	

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

Type of Crop	Type of Irrigation		
	Irrigated	Rainfed	
Wheat	1	408	
Sorghum	3	3	
Barley	-	57	
Broom Corn	-	3	
Dry Garlic	1	1	
Dry Onion	5	13	
Peanut	2	-	()
Safflower	-	6	
Sesame	-	40	
Anise	-	1	
Meramieh	2	-	
Ment	5	2	
Thyme	84	24	
Chamomile	-	1	
Black Cumin	-	1	
Other Beverage Crops	-	1	
Broad Bean	4	51	()
Chick Peas	-	14	()
Cowpea	3	-	()
Lentil	-	4	
Peas	-	12	()
Fenugreek	-	4	
Vetch	-	31	
Sern	-	47	
Clover	-	8	
Tobacco	1	4	
Local Tobacco	-	2	

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

Type of Crop	Method of Irrigation			
	Sprinkler	Drip	Surface	
Wheat	1	-	-	
Sorghum	-	3	-	
Dry Garlic	-	1	-	
Dry Onion	2	3	-	
Peanut	-	2	-	()
Meramieh	-	1	1	
Ment	5	-	-	
Thyme	7	71	8	
Broad Bean	-	2	2	()
Cowpea	-	3	-	()
Tobacco	-	1	-	

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

Harvested Area in Dunum	Agricultural Session		
	Summer	Winter	
Up to 2.99	50	325	2.99
3 - 5.99	12	155	5.99 - 3
6 - 9.99	2	72	9.99 - 6
10 - 19.99	1	50	19.99 - 10
20 - 29.99	1	8	29.99 - 20
30 - 39.99	-	6	39.99 - 30
40 - 49.99	-	-	49.99 - 40
50 - 59.99	-	1	59.99 - 50
60 - 69.99	-	2	69.99 - 60
70 - 79.99	-	1	79.99 - 70
80 +	-	2	+ 80

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

Status of Crop	Agricultural Session		
	Summer	Winter	
Single	48	423	
Associated	18	212	
Mixed	-	5	

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Table 37: Area of Field Crops in Tulkarm 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				
			Summer		Winter		
			Irrigated	Rainfed	Irrigated	Rainfed	
Wheat	1,752.16	1,933.96	-	-	2.00	1,931.96	
Sorghum	4.60	8.60	6.00	0.50	-	2.10	
Barley	166.75	180.95	-	1.50	-	179.45	
Broom Corn	2.00	2.00	-	1.75	-	0.25	
Dry Garlic	0.10	4.10	-	-	4.00	0.10	
Dry Onion	14.62	17.22	4.52	1.00	7.00	4.70	
Peanut	2.00	2.00	2.00	-	-	-	()
Safflower	1.60	1.60	-	-	-	1.60	
Sesame	78.45	104.65	-	89.15	-	15.50	
Anise	0.50	1.00	-	-	-	1.00	
Meramieh	0.50	9.00	-	-	9.00	-	
Ment	8.52	11.09	3.50	0.09	5.00	2.50	
Thyme	752.56	782.76	35.00	-	650.27	97.49	
Chamomile	0.20	0.50	-	-	-	0.50	
Black Cumin	0.50	0.50	-	-	-	0.50	
Other Beverage Crops	1.00	1.00	-	-	-	1.00	
Broad Bean	77.51	86.51	1.00	-	7.00	78.51	()
Chick Peas	22.20	25.20	-	-	-	25.20	()
Cowpea	3.30	3.30	3.30	-	-	-	()
Lentil	2.00	2.75	-	-	-	2.75	
Peas	14.37	14.37	-	-	-	14.37	()
Fenugreek	2.25	3.25	-	-	-	3.25	
Vetch	80.91	89.41	-	-	-	89.41	
Sern	169.36	182.16	-	-	-	182.16	
Clover	36.50	48.50	-	-	-	48.50	
Tobacco	23.00	27.00	4.00	23.00	-	-	
Local Tobacco	5.50	5.50	-	5.50	-	-	
Total	3,222.96	3,548.88	59.32	122.49	684.27	2,682.80	

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Table 38: Area of Field Crops in Tulkarm Governorate by Agricultural Session and Status of Crop, 2009/2010

Area in Dunums

Status of Crop	Agricultural Session		
	Total	Summer	Winter
Single	2,726.17	155.20	2,570.97
Associated	798.71	26.61	772.10
Mixed	24.00	-	24.00
Total	3,548.88	181.81	3,367.07

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Table 39: Area of Field Crops in Tulkarm Governorate by Agricultural Session and Type of Irrigation, 2009/2010

Area in Dunums

Type of Irrigation	Agricultural Session		
	Total	Summer	Winter
Rainfed	2,805.29	122.49	2,682.80
Artificial	96.25	1.00	95.25
Drip	606.32	50.80	555.52
Sprinklers	41.02	7.52	33.50
Total	3,548.88	181.81	3,367.07

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

Area in Dunums

Method of Irrigation	Status of Crop				
	Total	Mixed	Associated	Single	
Rainfed	2,805.29	24.00	770.94	2,010.35	
Artificial	96.25	-	14.25	82.00	
Drip	606.32	-	11.00	595.32	
Sprinklers	41.02	-	2.52	38.50	
Total	3,548.88	24.00	798.71	2,726.17	

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Table 41: Number of Agricultural Holdings which have Vegetables in Tulkarm Governorate by Agricultural Session and Type of Crop, 2009/2010

Type of Crop	Agricultural Session					
	Not Stated	Autumn	Summer	Spring	Winter	
Maize	1	5	21	8	2	
Artichoke	-	1	5	2	3	
White Cabbage	-	23	38	19	54	
Red Cabbage	-	1	1	-	-	
Cauliflower	-	45	108	34	127	
Lettuce	-	1	3	-	7	
Spinach	-	14	3	-	15	
Jew's Mallow	-	10	73	45	48	
Parsley	-	8	15	4	8	
Fennel	-	2	2	2	10	
Coriander	-	1	-	-	2	
Arugula	-	1	1	1	-	
Cucumber	-	148	260	98	374	
Snake cucumber	-	-	12	2	4	
Eggplant	-	8	134	35	36	
Tomato	1	44	162	43	128	
Water Melon	-	-	1	-	-	
Muskmelon	-	-	5	1	-	
Squash	-	5	23	13	49	
Pumpkin	-	-	1	-	-	
Okra	-	1	57	32	13	
Carrot	-	-	2	-	-	
Turnip	-	2	-	-	3	
Garlic (green)	-	1	-	1	5	
Onion (green)	-	4	7	4	30	
Radish	-	6	5	2	10	
Red Beet	-	-	-	-	1	
Other Vegetables	1	-	1	-	1	
Strawberry	-	3	1	-	-	
Potato	-	10	13	11	83	
Paprika	1	43	96	51	103	
Hot Pepper	-	20	41	17	24	
Kidney Bean (green)	-	42	93	69	77	
Broad Bean (green)	-	3	3	1	87	
Chick Peas (green)	-	-	1	1	12	
Cowpea	1	1	24	12	4	()
Peas (green)	-	3	5	4	65	()

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

Type of Crop	Status of Crop				
	Not Stated	Mixed	Associated	Single	
Maize	-	-	4	30	
Artichoke	-	1	-	10	
White Cabbage	-	10	8	106	
Red Cabbage	-	-	1	1	
Cauliflower	-	16	22	214	
Lettuce	-	-	-	10	
Spinach	-	-	6	26	
Jew's Mallow	-	2	19	143	
Parsley	-	-	3	31	
Fennen	-	-	-	15	
Coriander	-	-	-	3	
Arugula	-	1	-	2	
Cucumber	-	20	4	601	
Snake cucumber	-	3	7	8	
Eggplant	-	10	6	188	
Tomato	-	17	17	303	
Water Melon	-	-	1	-	
Muskmelon	-	-	-	6	
Squash	-	2	14	70	
Pumpkin	-	-	-	1	
Okra	-	3	30	69	
Carrot	-	-	-	2	
Turnip	-	-	-	5	
Garlic (green)	-	-	3	4	
Onion (green)	-	2	22	19	
Radish	-	2	1	19	
Red Beet	-	-	-	1	
Other Vegetables	1	-	-	2	
Strawberry	-	-	-	4	
Potato	-	3	25	83	
Paprika	-	11	6	245	
Hot Pepper	-	8	6	74	
Kidney Bean (green)	-	13	11	213	
Broad Bean (green)	-	4	56	34	
Chick Peas (green)	-	-	10	4	
Cowpea	-	3	6	33	()
Peas (green)	-	2	37	38	()

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

Type of Crop	Type of Irrigation			
	Not Stated	Irrigated	Rainfed	
Maize	-	34	-	
Artichoke	-	11	-	
White Cabbage	3	113	6	
Red Cabbage	-	2	-	
Cauliflower	7	231	9	
Lettuce	-	10	-	
Spinach	-	25	7	
Jew's Mallow	-	163	-	
Parsley	-	33	1	
Fennel	1	13	1	
Coriander	-	2	1	
Arugula	-	3	-	
Cucumber	4	616	1	
Snake cucumber	-	4	14	
Eggplant	4	197	2	
Tomato	5	323	9	
Water Melon	-	1	-	
Muskmelon	-	6	-	
Squash	-	70	16	
Pumpkin	-	1	-	
Okra	1	46	55	
Carrot	-	2	-	
Turnip	-	5	-	
Garlic (green)	-	3	4	
Onion (green)	-	21	21	
Radish	-	19	3	
Red Beet	-	-	1	
Other Vegetables	-	2	1	
Strawberry	-	4	-	
Potato	4	84	24	
Paprika	3	256	1	
Hot Pepper	-	85	2	
Kidney Bean (green)	3	225	6	
Broad Bean (green)	-	19	75	
Chick Peas (green)	-	1	13	
Cowpea	-	37	5	()
Peas (green)	-	20	56	()

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

Type of Crop	Method of Irrigation				
	Not Stated	Sprinkler	Drip	Surface	
Maize	-	-	30	4	
Artichoke	-	-	11	-	
White Cabbage	-	8	101	4	
Red Cabbage	-	-	2	-	
Cauliflower	-	11	214	8	
Lettuce	-	1	9	-	
Spinach	-	20	5	-	
Jew's Mallow	-	108	46	11	
Parsley	-	25	8	-	
Fennen	-	1	12	-	
Coriander	-	2	-	-	
Arugula	-	3	-	-	
Cucumber	3	25	589	12	
Snake cucumber	-	-	3	1	
Eggplant	-	3	185	10	
Tomato	4	19	295	10	
Water Melon	-	-	1	-	
Muskmelon	-	-	6	-	
Squash	-	3	61	6	
Pumpkin	-	-	1	-	
Okra	1	1	28	17	
Carrot	-	-	2	-	
Turnip	-	5	-	-	
Garlic (green)	-	-	2	1	
Onion (green)	-	8	10	3	
Radish	-	14	4	1	
Red Beet	-	-	2	-	
Other Vegetables	-	-	4	-	
Strawberry	-	12	66	7	
Potato	-	-	-	-	
Paprika	3	8	247	1	
Hot Pepper	-	4	79	2	
Kidney Bean (green)	2	6	216	3	
Broad Bean (green)	-	2	15	2	
Chick Peas (green)	-	-	-	1	
Cowpea	-	3	31	3	()
Peas (green)	-	-	15	5	()

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

Harvested Area in Dunum	Agricultural Session					
	Not Stated	Autumn	Summer	Spring	Winter	
Up to 2.99	-	237	512	230	565	2.99
3 - 5.99	2	64	159	102	178	5.99 - 3
6 - 9.99	1	25	71	37	65	9.99 - 6
10 - 19.99	-	6	40	11	39	19.99 - 10
20 +	-	2	7	3	9	+ 20

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

Area in Dunum

Agricultural Session	Type of Irrigation							
	Type of protection				Open Not Stated	Open Irrigated	Open Rainfed	
	Not Stated	Plastic House	French Tunnel	Surface Tunnel				
Winter	2	586	28	19	11	364	133	
Spring	-	262	16	11	6	194	33	
Summer	1	528	29	20	12	407	73	
Autumn	1	251	19	8	5	140	10	
Not Stated	-	3	-	-	-	1	-	

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

Area in Dunum

Type of Crop	Agricultural Season						
	Total	Not Stated	Autumn	Summer	Spring	Winter	
Maize	109.31	3.00	12.00	75.81	16.50	2.00	
Artichoke	19.60	-	5.00	8.50	4.25	1.85	
White Cabbage	393.80	-	57.00	101.05	64.50	171.25	
Red Cabbage	4.70	-	4.00	0.70	-	-	
Cauliflower	1,116.93	-	126.00	483.15	107.30	400.48	
Lettuce	19.95	-	0.20	8.00	-	11.75	
Spinach	66.05	-	35.05	13.88	-	17.12	
Jew's Mallow	438.89	-	22.43	180.73	125.03	110.70	
Parsley	158.95	-	35.00	36.95	67.00	20.00	
Fennen	44.30	-	3.00	10.00	6.50	24.80	
Coriander	2.10	-	1.00	-	-	1.10	
Arugula	4.80	-	2.00	2.00	0.80	-	
Cucumber	2,259.61	-	426.90	600.39	236.88	995.44	
Snake cucumber	16.82	-	-	12.70	3.50	0.62	
Eggplant	636.88	-	21.50	392.38	126.50	96.50	
Tomato	725.09	2.50	83.30	329.02	102.66	207.61	
Water Melon	1.00	-	-	1.00	-	-	
Muskmelon	22.75	-	-	19.75	3.00	-	
Squash	229.16	-	26.50	59.02	31.87	111.77	
Pumpkin	0.02	-	-	0.02	-	-	
Okra	133.61	-	1.00	69.97	48.70	13.94	
Carrot	2.00	-	-	2.00	-	-	
Turnip	11.50	-	5.50	-	-	6.00	
Garlic (green)	9.22	-	4.00	-	2.00	3.22	
Onion (green)	54.21	-	4.34	11.75	8.00	30.12	
Radish	32.02	-	11.25	6.37	3.00	11.40	
Red Beet	0.50	-	-	-	-	0.50	
Other Vegetables	7.25	5.00	-	0.75	-	1.50	
Strawberry	4.00	-	3.00	1.00	-	-	
Potato	371.70	-	55.45	36.75	60.50	219.00	
Paprika	654.54	5.00	90.15	223.62	151.10	184.67	
Hot Pepper	205.42	-	36.30	84.83	40.00	44.29	
Kidney Bean (green)	473.77	-	85.80	149.45	131.50	107.02	
Broad Bean (green)	83.83	-	2.33	2.30	1.00	78.20	
Chick Peas (green)	13.80	-	-	0.30	3.00	10.50	
Cowpea	67.26	0.50	4.00	35.66	21.60	5.50	()
Peas (green)	79.92	-	6.33	6.00	11.00	56.59	()
Total	8,475.26	16.00	1,170.33	2,965.80	1,377.69	2,945.44	

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

Area in Dunum

Type of Crop	Status of Crop					
	Total	Not Stated	Mixed	Associated	Single	
Maize	109.31	-	-	7.90	101.41	
Artichoke	19.60	-	1.50	-	18.10	
White Cabbage	393.80	-	32.25	11.10	350.45	
Red Cabbage	4.70	-	-	0.70	4.00	
Cauliflower	1,116.93	-	157.25	49.93	909.75	
Lettuce	19.95	-	-	-	19.95	
Spinach	66.05	-	-	10.05	56.00	
Jew's Mallow	438.89	-	2.50	17.05	419.34	
Parsley	158.95	-	-	1.20	157.75	
Fennen	44.30	-	-	-	44.30	
Coriander	2.10	-	-	-	2.10	
Arugula	4.80	-	2.00	-	2.80	
Cucumber	2,259.61	-	32.05	2.61	2,224.95	
Snake cucumber	16.82	-	1.05	6.90	8.87	
Eggplant	636.88	-	25.00	9.00	602.88	
Tomato	725.09	-	16.60	27.11	681.38	
Water Melon	1.00	-	-	1.00	-	
Muskmelon	22.75	-	-	-	22.75	
Squash	229.16	-	1.65	11.84	215.67	
Pumpkin	0.02	-	-	-	0.02	
Okra	133.61	-	3.30	26.37	103.94	
Carrot	2.00	-	-	-	2.00	
Turnip	11.50	-	-	-	11.50	
Garlic (green)	9.22	-	-	3.50	5.72	
Onion (green)	54.21	-	0.45	22.86	30.90	
Radish	32.02	-	2.25	0.50	29.27	
Red Beet	0.50	-	-	-	0.50	
Other Vegetables	7.25	5.00	-	-	2.25	
Strawberry	4.00	-	-	-	4.00	
Potato	371.70	-	4.10	34.70	332.90	
Paprika	654.54	-	21.15	5.61	627.78	
Hot Pepper	205.42	-	8.75	3.71	192.96	
Kidney Bean (green)	473.77	-	16.00	12.79	444.98	
Broad Bean (green)	83.83	-	2.70	34.23	46.90	
Chick Peas (green)	13.80	-	-	4.50	9.30	
Cowpea	67.26	-	4.00	6.10	57.16	()
Peas (green)	79.92	-	2.00	18.94	58.98	()
Total	8,475.26	5.00	336.55	330.20	7,803.51	

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

Table 49: Area of Vegetables in Tulkarm Governorate by Type of Irrigation, Type of Protection, Type of Crop and Harvested Area, 2009/2010

Area in Dunum

Type of Crop	Harvested Area	Total	Type of Irrigation							
			Type of protection				Open Not Stated	Open Irrigated	Open Rainfed	
			Not Stated	Plastic House	French Tunnel	Surface Tunnel				
Maize	89.95	109.31	-	2.00	-	-	-	-	107.31	-
Artichoke	15.10	19.60	-	18.60	1.00	-	-	-	-	-
White Cabbage	319.08	393.80	-	1.50	-	1.50	6.50	375.10	9.20	-
Red Cabbage	4.00	4.70	-	-	-	-	-	4.70	-	-
Cauliflower	835.65	1,116.93	-	11.50	-	5.00	17.00	1,058.03	25.40	-
Lettuce	12.85	19.95	-	-	-	-	-	19.95	-	-
Spinach	51.47	66.05	-	9.02	-	-	-	53.18	3.85	-
Jew's Mallow	386.46	438.89	-	229.35	3.50	6.00	-	200.04	-	-
Parsley	80.00	158.95	-	3.50	-	-	-	154.95	0.50	-
Fennel	39.80	44.30	-	-	-	-	7.00	35.80	1.50	-
Coriander	2.10	2.10	-	-	-	-	-	2.00	0.10	-
Arugula	2.30	4.80	-	0.80	-	-	-	4.00	-	-
Cucumber	1,854.56	2,259.61	1.50	2,110.00	58.00	11.00	2.00	77.10	0.01	-
Snake cucumber	10.25	16.82	-	-	-	3.00	-	0.60	13.22	-
Eggplant	572.90	636.88	-	54.50	-	1.50	6.25	564.63	10.00	-
Tomato	615.48	725.09	1.50	515.20	30.50	-	2.00	168.75	7.14	-
Water Melon	-	1.00	-	-	-	-	-	1.00	-	-
Muskmelon	12.75	22.75	-	-	-	-	-	22.75	-	-
Squash	207.49	229.16	-	-	6.00	44.00	-	171.82	7.34	-
Pumpkin	0.02	0.02	-	-	-	-	-	0.02	-	-
Okra	117.87	133.61	-	1.00	-	-	0.50	68.75	63.36	-
Carrot	1.50	2.00	-	2.00	-	-	-	-	-	-
Turnip	10.00	11.50	-	-	-	-	-	11.50	-	-
Garlic (green)	4.52	9.22	-	-	-	-	-	7.00	2.22	-
Onion (green)	44.87	54.21	-	2.00	-	-	-	40.97	11.24	-
Radish	19.82	32.02	-	1.50	-	-	-	29.62	0.90	-
Red Beet	0.50	0.50	-	-	-	-	-	-	0.50	-
Other Vegetables	6.25	7.25	-	5.00	1.50	-	-	-	0.75	-
Strawberry	1.00	4.00	-	4.00	-	-	-	-	-	-
Potato	304.20	371.70	-	3.50	-	-	12.50	327.92	27.78	-
Paprika	569.71	654.54	8.00	560.83	22.00	1.50	-	62.20	0.01	-
Hot Pepper	162.79	205.42	-	103.38	4.00	-	-	97.78	0.26	-
Kidney Bean (green)	364.10	473.77	-	344.68	10.00	1.50	2.00	111.27	4.32	-
Broad Bean (green)	59.43	83.83	-	-	-	-	-	35.53	48.30	-
Chick Peas (green)	9.35	13.80	-	-	-	-	-	3.00	10.80	-
Cowpea	61.96	67.26	-	11.00	-	-	-	52.66	3.60	()
Peas (green)	50.19	79.92	-	5.00	-	-	-	30.19	44.73	()
Total	6,900.27	8,475.26	11.00	3,999.86	136.50	75.00	55.75	3,900.12	297.03	المجموع

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

Area in Dunum

Type of Crop	المجموع Total	Type and Method of Irrigation						
		Protected				Open Irrigated		
		Not Stated	Sprinkler	Drip	Surface	Sprinkler	Drip	Surface
Maize	109.31	-	-	2.00	-	-	97.81	9.50
Artichoke	19.60	-	-	19.60	-	-	-	-
White Cabbage	378.10	-	-	3.00	-	21.75	343.85	9.50
Red Cabbage	4.70	-	-	-	-	-	4.70	-
Cauliflower	1,074.53	-	3.00	13.50	-	39.00	1,002.43	16.60
Lettuce	19.95	-	-	-	-	0.50	19.45	-
Spinach	62.20	-	9.02	-	-	41.43	11.75	-
Jew's Mallow	438.89	-	169.95	68.90	-	173.20	24.05	2.79
Parsley	158.45	-	3.50	-	-	128.20	26.75	-
Fennel	35.80	-	-	-	-	3.00	32.80	-
Coriander	2.00	-	-	-	-	2.00	-	-
Arugula	4.80	-	0.80	-	-	4.00	-	-
Cucumber	2,257.60	9.50	95.50	2,044.40	31.10	5.00	65.60	6.50
Snake cucumber	3.60	-	-	3.00	-	-	0.30	0.30
Eggplant	620.63	-	-	54.00	2.00	5.00	536.13	23.50
Tomato	715.95	8.50	14.00	521.20	3.50	27.00	138.18	3.57
Water Melon	1.00	-	-	-	-	-	1.00	-
Muskmelon	22.75	-	-	-	-	-	22.75	-
Squash	221.82	-	-	50.00	-	10.50	150.45	10.87
Pumpkin	0.02	-	-	-	-	-	0.02	-
Okra	69.75	-	-	1.00	-	1.00	36.25	31.50
Carrot	2.00	-	-	2.00	-	-	-	-
Turnip	11.50	-	-	-	-	11.50	-	-
Garlic (green)	7.00	-	-	-	-	-	3.00	4.00
Onion (green)	42.97	-	1.00	1.00	-	23.98	16.10	0.89
Radish	31.12	-	1.50	-	-	25.87	3.25	0.50
Other Vegetables	6.50	-	-	6.50	-	-	-	-
Strawberry	4.00	-	-	4.00	-	-	-	-
Potato	331.42	-	-	3.50	-	35.60	281.05	11.27
Paprika	654.53	8.62	41.00	542.21	0.50	-	62.20	-
Hot Pepper	205.16	-	15.00	92.38	-	1.30	89.98	6.50
Kidney Bean (green)	467.45	5.13	3.00	347.05	1.00	13.60	96.61	1.06
Broad Bean (green)	35.53	-	-	-	-	2.50	28.70	4.33
Chick Peas (green)	3.00	-	-	-	-	-	-	3.00
Cowpea	63.66	-	-	11.00	-	7.00	38.16	7.50
Peas (green)	35.19	-	-	5.00	-	-	27.00	3.19
Total	8,122.48	31.75	357.27	3,795.24	38.10	582.93	3,160.32	156.87

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المجموع

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Table 51: Area of Vegetables in Tulkarm Governorate by Status of Crop and Agricultural Session, 2009/2010

Area in Dunum

Agricultural Session	Total	Status of Crop				العروة الزراعية
		Not Stated	Mixed	Associated	وضع المحصول Single	
Winter	2,945.44	-	92.55	114.88	2,738.01	
Spring	1,377.69	-	12.15	52.69	1,312.85	
Summer	2,965.80	-	214.45	144.40	2,606.95	
Autumn	1,170.33	-	17.40	18.23	1,134.70	
Not Stated	16.00	5.00	-	-	11.00	
Total	8,475.26	5.00	336.55	330.20	7,803.51	

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

Area in Dunum

Agricultural Session	Total	Type and Method of Irrigation								
		Protected				Open Not Stated	Open Irrigated			Open Rainfed
		Not Stated	Sprinkler	Drip	Surface		Sprinkler	Drip	Surface	
Winter	2,945.44	10.25	165.07	1,455.89	15.80	14.50	91.08	986.18	27.38	179.29
Spring	1,377.69	1.25	90.80	581.07	7.30	8.00	93.00	509.18	47.35	39.74
Summer	2,965.80	13.25	74.40	1,091.43	10.50	26.25	279.55	1,341.31	63.11	66.00
Autumn	1,170.33	7.00	27.00	656.85	4.50	7.00	119.30	317.65	19.03	12.00
Not Stated	16.00	-	-	10.00	-	-	-	6.00	-	-
Total	8,475.26	31.75	357.27	3,795.24	38.10	55.75	582.93	3,160.32	156.87	297.03

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Table 53: Area of Vegetables in Tulkarm Governorate by Type of Irrigation, Type of Protection and Agricultural Season, 2009/2010

Area in Dunum

Agricultural Session	Total	Type of Irrigation and Type of Protection						
		Type of protection				Open Not Stated	Open Irrigated	Open Rainfed
		Not Stated	Plastic House	French Tunnel	Surface Tunnel			
Winter	2,945.44	5.00	1,561.01	37.50	43.50	14.50	1,104.64	179.29
Spring	1,377.69	-	635.42	30.50	14.50	8.00	649.53	39.74
Summer	2,965.80	3.00	1,145.58	35.00	6.00	26.25	1,683.97	66.00
Autumn	1,170.33	3.00	647.85	33.50	11.00	7.00	455.98	12.00
Not Stated	16.00	-	10.00	-	-	-	6.00	-
Total	8,475.26	11.00	3,999.86	136.50	75.00	55.75	3,900.12	297.03

2010/2009

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

Area in Dunum

Status of Crop	المجموع Total	Type and Method of Irrigation								
		Protected				Open Not Stated	Open Irrigated			Open Rainfed
		Not Stated	Sprinkler	Drip	Surface		Sprinkler	Drip	Surface	
Single	7,803.51	31.75	351.02	3,705.49	38.10	49.75	530.53	2,778.40	146.16	172.31
Associated	330.20	-	5.00	4.40	-	6.00	45.40	150.57	6.71	112.12
Mixed	336.55	-	1.25	80.35	-	-	7.00	231.35	4.00	12.60
Not Stated	5.00	-	-	5.00	-	-	-	-	-	-
Total	8,475.26	31.75	357.27	3,795.24	38.10	55.75	582.93	3,160.32	156.87	297.03

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

Type of Crop	Status of Crop				
	Not Stated	Mixed	Associated	Single	
Avocado	-	8	1	10	
Banana	-	1	1	1	
Date	-	11	3	3	
Fig	-	92	25	70	
Mango	-	1	-	-	
Aloe	-	4	2	6	
Loquat	-	8	1	1	
Guava	-	31	4	28	
Custard apple	-	1	-	1	
Grapefruit	-	2	-	-	
Bomaly	-	4	-	-	
Lemon	-	142	25	147	
Orange, Valencia Orange	-	86	6	66	
Shamoty Orange	-	4	-	3	
Navel Orange	-	3	-	-	
Francaawy Orange	-	1	-	-	
Mandarin	-	4	-	3	
Clement	-	54	-	21	
Poppy	-	3	2	2	
Other Citrus	-	67	16	45	
Grape	-	27	8	7	
Apple	-	21	4	9	
Apricot	-	26	5	13	
Cherry	-	23	3	8	
Peach	-	16	2	2	()
Pears	-	1	-	-	
Plum	-	18	4	1	
Almond (hard)	-	417	48	180	
Walnut	-	5	3	5	
Pomegranate	-	24	11	8	
Other Trees	-	115	24	20	
Olive	-	567	265	6,223	

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

Type of Crop	Type of Irrigation				
	Not Stated	Protected	Open Irrigated	Rainfed	
Avocado	-	-	19	-	
Banana	-	-	3	-	
Date	-	-	8	9	
Fig	-	-	24	155	
Mango	-	-	1	-	
Aloe	-	-	3	9	
Loquat	-	-	8	2	
Guava	3	-	56	4	
Custard apple	-	-	2	-	
Grapefruit	-	-	2	-	
Bomaly	-	-	3	1	
Lemon	18	-	256	34	
Orange, Valencia Orange	8	-	132	19	
Shamoty Orange	-	-	7	-	
Navel Orange	-	-	3	-	
Francaawy Orange	-	-	1	-	
Mandarin	-	-	6	1	
Clement	8	-	63	3	
Poppy	2	-	4	1	
Other Citrus	10	-	87	33	
Grape	1	1	26	14	
Apple	2	-	27	5	
Apricot	-	-	11	33	
Cherry	-	-	7	28	
Peach	1	-	6	13	()
Pears	-	-	-	1	
Plum	-	-	10	13	
Almond (hard)	6	-	35	578	
Walnut	1	-	7	5	
Pomegranate	-	-	17	26	
Other Trees	4	-	106	50	
Olive	24	-	373	6,434	

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Table 59: Number and Area of Bearing and Unbearing Horticulture Trees in Tulkarm 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	3.15	126	57.08	2,413	0.15	6	4.13	144	3.00	120	52.95	2,269
Banana	0.08	8	0.01	1	-	-	-	-	0.08	8	0.01	1
Date	0.91	16	9.88	141	0.18	5	1.50	22	0.73	11	8.38	119
Fig	33.77	500	105.06	1,959	1.71	26	4.76	102	32.06	474	100.30	1,857
Mango	0.56	20	-	-	-	-	-	-	0.56	20	-	-
Aloe	0.20	8	6.28	210	-	-	0.45	13	0.20	8	5.83	197
Loquat	0.65	28	2.58	102	-	-	-	-	0.65	28	2.58	102
Guava	3.71	149	91.04	3,537	0.12	5	5.82	190	3.59	144	85.22	3,347
Custard apple	4.76	170	2.00	80	-	-	-	-	4.76	170	2.00	80
Grapefruit	0.02	1	0.06	3	-	-	-	-	0.02	1	0.06	3
Bomaly	0.08	4	0.08	4	-	-	-	-	0.08	4	0.08	4
Lemon	56.53	2,668	465.74	19,379	6.62	316	16.97	703	49.91	2,352	448.77	18,676
Orange, Valencia Orange	28.06	1,343	376.56	12,650	2.28	112	3.77	153	25.78	1,231	372.79	12,497
Shamoty Orange	0.66	33	9.04	420	-	-	0.44	20	0.66	33	8.60	400
Navel Orange	0.86	43	0.50	20	-	-	-	-	0.86	43	0.50	20
Francauy Orange	-	-	2.00	100	-	-	-	-	-	-	2.00	100
Mandarin	0.66	33	8.35	394	-	-	-	-	0.66	33	8.35	394
Clement	8.16	386	89.95	4,085	-	-	0.55	25	8.16	386	89.40	4,060
Poppy	0.24	12	12.37	526	0.24	12	-	-	-	-	12.37	526
Other Citrus	14.59	636	196.70	7,679	0.14	7	3.01	71	14.45	629	193.69	7,608
Grape	1.10	69	8.00	721	0.08	5	0.07	5	1.02	64	7.93	716
Apple	12.93	333	11.28	591	0.10	5	0.13	5	12.83	328	11.15	586
Apricot	14.63	522	23.48	746	1.18	47	2.13	36	13.45	475	21.35	710
Cherry	5.00	235	414.21	942	2.00	100	1.87	79	3.00	135	412.34	863

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Table 59 (Cont): Number and Area of Bearing and Unbearing Horticulture Trees in Tulkarm 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
Peach	2.04	102	2.19	94	-	-	0.18	9	2.04	102	2.01	85
Pears	0.02	1	-	-	-	-	-	-	0.02	1	-	-
Plum	1.18	59	2.71	131	-	-	-	-	1.18	59	2.71	131
Almond (hard)	256.90	9,908	599.85	17,185	66.08	2,511	94.05	3,193	190.82	7,397	505.80	13,992
Walnut	1.06	16	13.14	197	-	-	4.65	95	1.06	16	8.49	102
Pomegranate	4.62	208	12.95	486	0.26	16	0.08	5	4.36	192	12.87	481
Other Trees	15.14	453	33.39	1,261	0.73	27	2.21	86	14.41	426	31.18	1,175
Olive	7,101.14	117,362	51,588.29	783,701	258.66	4,395	2,352.70	43,564	6,842.48	112,967	49,235.59	740,137
Total	7,573.41	135,452	54,144.77	859,758	340.53	7,595	2,499.47	48,520	7,232.88	127,857	51,645.30	811,238

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

Area: Dunum, Number: Tree

Type of Crop	Status of Crop								
	Total		Mixed		Associated		Single		
	Area	Number	Area	Number	Area	Number	Area	Number	
Avocado	55.95	2,389	11.00	440	5.50	400	39.45	1,549	
Banana	0.09	9	0.01	1	0.05	5	0.03	3	
Date	9.11	130	4.09	52	1.32	20	3.70	58	
Fig	132.36	2,331	34.82	561	17.35	267	80.19	1,503	
Mango	0.56	20	0.56	20	-	-	-	-	
Aloe	6.03	205	0.59	24	0.39	12	5.05	169	
Loquat	3.23	130	1.13	46	0.10	4	2.00	80	
Guava	88.81	3,491	23.84	1,051	13.92	503	51.05	1,937	
Custard apple	6.76	250	2.00	80	-	-	4.76	170	
Grapefruit	0.08	4	0.08	4	-	-	-	-	
Bomaly	0.16	8	0.16	8	-	-	-	-	
Lemon	498.68	21,028	117.71	5,078	24.90	1,032	356.07	14,918	
Orange, Valencia	398.57	13,728	89.99	4,057	4.71	113	303.87	9,558	
Orange									
Shamoty Orange	9.26	433	2.26	113	-	-	7.00	320	
Navel Orange	1.36	63	1.36	63	-	-	-	-	
Francaawy Orange	2.00	100	2.00	100	-	-	-	-	
Mandarin	9.01	427	0.41	17	-	-	8.60	410	
Clement	97.56	4,446	53.79	2,365	-	-	43.77	2,081	
Poppy	12.37	526	3.30	116	0.07	3	9.00	407	
Other Citrus	208.14	8,237	60.12	2,246	5.96	207	142.06	5,784	
Grape	8.95	780	3.20	177	2.32	273	3.43	330	
Apple	23.98	914	13.67	427	0.27	12	10.04	475	
Apricot	34.80	1,185	11.14	358	1.39	62	22.27	765	
Cherry	415.34	998	4.63	228	0.98	76	409.73	694	
Peach	4.05	187	2.99	134	0.86	43	0.20	10	()
Pears	0.02	1	0.02	1	-	-	-	-	
Plum	3.89	190	3.13	128	0.45	22	0.31	40	
Almond (hard)	696.62	21,389	381.12	14,045	117.23	1,045	198.27	6,299	
Walnut	9.55	118	2.26	23	0.67	10	6.62	85	
Pomegranate	17.23	673	12.40	460	4.18	179	0.65	34	
Other Trees	45.59	1,601	27.45	1,015	6.21	155	11.93	431	
Olive	56,078.07	853,104	2,111.38	32,382	1,107.60	17,029	52,859.09	803,693	
Total	58,878.18	939,095	2,982.61	65,820	1,316.43	21,472	54,579.14	851,803	المجموع

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

Area: Dunum, Number: Tree

Type of Crop	Status of Crop							
	Total		Mixed		Associated		Single	
	Area	Number	Area	Number	Area	Number	Area	Number
Avocado	4.28	150	0.28	10	-	-	4.00	140
Date	1.68	27	1.00	17	0.68	10	-	-
Fig	6.47	128	0.93	6	0.65	10	4.89	112
Aloe	0.45	13	0.45	13	-	-	-	-
Guava	5.94	195	1.33	43	0.05	2	4.56	150
Lemon	23.59	1,019	5.11	233	4.34	172	14.14	614
Orange, Valencia	6.05	265	3.65	145	-	-	2.40	120
Orange								
Shamoty Orange	0.44	20	0.44	20	-	-	-	-
Clement	0.55	25	0.55	25	-	-	-	-
Poppy	0.24	12	-	-	0.24	12	-	-
Other Citrus	3.15	78	0.79	36	0.36	18	2.00	24
Grape	0.15	10	0.07	5	-	-	0.08	5
Apple	0.23	10	0.08	3	0.05	2	0.10	5
Apricot	3.31	83	0.63	21	-	-	2.68	62
Cherry	3.87	179	2.52	119	-	-	1.35	60
Peach	0.18	9	0.18	9	-	-	-	-
Almond (hard)	160.13	5,704	53.14	2,289	41.78	1,200	65.21	2,215
Walnut	4.65	95	0.34	5	4.31	90	-	-
Pomegranate	0.34	21	-	-	0.08	5	0.26	16
Other Trees	2.94	113	2.10	75	0.68	32	0.16	6
Olive	2,611.36	47,959	235.39	4,674	177.56	3,730	2,198.41	39,555
Total	2,840.00	56,115	308.98	7,748	230.78	5,283	2,300.24	43,084

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

Area: Dunum, Number: tree

Type of Crop	Type of Irrigation							
	Total		Not Stat		Irrigated		Rainfed	
	Area	Number	Area	Number	Area	Number	Area	Number
Avocado	55.95	2,389	-	-	55.95	2,389	-	-
Banana	0.09	9	-	-	0.09	9	-	-
Date	9.11	130	-	-	5.30	68	3.81	62
Fig	132.36	2,331	-	-	5.21	71	127.15	2,260
Mango	0.56	20	-	-	0.56	20	-	-
Aloe	6.03	205	-	-	2.05	102	3.98	103
Loquat	3.23	130	-	-	2.96	118	0.27	12
Guava	88.81	3,491	0.11	3	85.57	3,363	3.13	125
Custard apple	6.76	250	-	-	6.76	250	-	-
Grapefruit	0.08	4	-	-	0.08	4	-	-
Bomaly	0.16	8	-	-	0.14	7	0.02	1
Lemon	498.68	21,028	37.55	1,798	429.58	17,927	31.55	1,303
Orange, Valencia Orange	398.57	13,728	7.89	275	372.80	12,667	17.88	786
Shammoty Orange	9.26	433	-	-	9.26	433	-	-
Navel Orange	1.36	63	-	-	1.36	63	-	-
Francawy Orange	2.00	100	-	-	2.00	100	-	-
Mandarin	9.01	427	-	-	8.91	421	0.10	6
Clement	97.56	4,446	9.66	463	85.35	3,775	2.55	208
Poppy	12.37	526	9.00	407	3.37	119	-	-
Other Citrus	208.14	8,237	21.38	949	164.37	6,560	22.39	728
Grape	8.95	780	0.18	3	4.62	354	4.15	423
Apple	23.98	914	0.04	1	14.62	743	9.32	170
Apricot	34.80	1,185	-	-	6.23	179	28.57	1,006
Cherry	415.34	998	-	-	1.12	83	414.22	915
Peach	4.05	187	0.04	2	0.63	28	3.38	157
Pears	0.02	1	-	-	-	-	0.02	1
Plum	3.89	190	-	-	2.11	83	1.78	107
Almond (hard)	696.62	21,389	3.13	91	6.60	290	686.89	21,008
Walnut	9.55	118	0.80	12	4.39	46	4.36	60
Pomegranate	17.23	673	-	-	10.99	395	6.24	278
Other Trees	45.59	1,601	7.50	300	26.50	922	11.59	379
Olive	56,078.07	853,104	58.42	985	422.76	7,648	55,596.89	844,471
Total	58,878.18	939,095	155.70	5,289	1,742.24	59,237	56,980.24	874,569

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

Area: Dunum, Number: tree

Type of Crop	Type of Irrigation							
	Total		Not Stated		Irrigated		Rainfed	
	Area	Number	Area	Number	Area	Number	Area	Number
Avocado	4.28	150	-	-	4.28	150	-	-
Date	1.68	27	-	-	1.18	17	0.50	10
Fig	6.47	128	-	-	1.24	19	5.23	109
Aloe	0.45	13	-	-	0.45	13	-	-
Guava	5.94	195	2.05	52	3.89	143	-	-
Lemon	23.59	1,019	2.50	100	19.85	877	1.24	42
Orange, Valencia Orange	6.05	265	-	-	6.05	265	-	-
Shammoty Orange	0.44	20	-	-	0.44	20	-	-
Clement	0.55	25	-	-	0.55	25	-	-
Poppy	0.24	12	-	-	-	-	0.24	12
Other Citrus	3.15	78	0.06	3	3.09	75	-	-
Grape	0.15	10	-	-	0.15	10	-	-
Apple	0.23	10	0.05	2	0.08	3	0.10	5
Apricot	3.31	83	-	-	0.38	11	2.93	72
Cherry	3.87	179	-	-	3.35	160	0.52	19
Peach	0.18	9	-	-	0.08	4	0.10	5
Almond (hard)	160.13	5,704	0.90	20	35.56	1,167	123.67	4,517
Walnut	4.65	95	-	-	4.65	95	-	-
Pomegranate	0.34	21	-	-	0.34	21	-	-
Other Trees	2.94	113	0.03	3	2.10	75	0.81	35
Olive	2,611.36	47,959	20.40	347	664.11	13,268	1,926.85	34,344
Total	2,840.00	56,115	25.99	527	751.82	16,418	2,062.19	39,170

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

Type of Crop	Method of Irrigation							
	Total المجموع		Sprinkler		Drip		Surface	
	Area	Number	Area	Number	Area	Number	Area	Number
Avocado	55.95	2,389	-	-	35.45	1,564	20.50	825
Banana	0.09	9	-	-	0.03	3	0.06	6
Date	5.30	68	-	-	3.14	43	2.16	25
Fig	5.21	71	-	-	0.90	12	4.31	59
Mango	0.56	20	-	-	0.56	20	-	-
Aloe	2.05	102	-	-	2.05	102	-	-
Loquat	2.96	118	-	-	2.10	84	0.86	34
Guava	85.57	3,363	1.00	40	45.62	1,830	38.95	1,493
Custard apple	6.76	250	-	-	-	-	6.76	250
Grapefruit	0.08	4	-	-	0.06	3	0.02	1
Bomaly	0.14	7	-	-	-	-	0.14	7
Lemon	429.58	17,927	1.00	40	217.09	8,256	211.49	9,631
Orange, Valencia Orange	372.80	12,667	2.70	95	67.05	2,868	303.05	9,704
Shammoty Orange	9.26	433	-	-	6.60	300	2.66	133
Navel Orange	1.36	63	-	-	0.50	20	0.86	43
Francaawy Orange	2.00	100	-	-	2.00	100	-	-
Mandarin	8.91	421	-	-	2.76	117	6.15	304
Clement	85.35	3,775	1.00	35	27.47	1,369	56.88	2,371
Poppy	3.37	119	-	-	0.07	3	3.30	116
Other Citrus	164.37	6,560	0.22	20	14.98	581	149.17	5,959
Grape	4.62	354	-	-	2.51	267	2.11	87
Apple	14.62	743	-	-	6.66	382	7.96	361
Apricot	6.23	179	-	-	1.49	54	4.74	125
Cherry	1.12	83	-	-	0.02	1	1.10	82
Peach	0.63	28	-	-	0.19	7	0.44	21
Plum	2.11	83	-	-	0.85	38	1.26	45
Almond (hard)	6.60	290	-	-	2.15	65	4.45	225
Walnut	4.39	46	-	-	-	-	4.39	46
Pomegranate	10.99	395	-	-	2.96	99	8.03	296
Other Trees	26.50	922	-	-	2.29	82	24.21	840
Olive	422.76	7,648	9.16	188	56.28	1,357	357.32	6,103
Total	1,742.24	59,237	15.08	418	503.83	19,627	1,223.33	39,192

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Table 65: Number and Area of Unbearing Irrigated Horticulture Trees in Tulkarm Governorate by Method of Irrigation and Type of Crop, As in 01/10/2011

Area: Dunum, Number: tree

Type of Crop	Method of Irrigation							
	Total المجموع		Sprinkler		Drip		Surface	
	Area	Number	Area	Number	Area	Number	Area	Number
Avocado	4.28	150	4.00	140	-	-	0.28	10
Date	1.18	17	-	-	1.18	17	-	-
Fig	1.24	19	0.13	2	0.52	8	0.59	9
Aloe	0.45	13	-	-	0.45	13	-	-
Guava	3.89	143	-	-	3.26	120	0.63	23
Lemon	19.85	877	-	-	17.03	734	2.82	143
Orange, Valencia	6.05	265	-	-	2.00	100	4.05	165
Orange								
Shamoty Orange	0.44	20	-	-	0.44	20	-	-
Clement	0.55	25	-	-	0.55	25	-	-
Other Citrus	3.09	75	0.22	10	0.37	17	2.50	48
Grape	0.15	10	-	-	0.01	2	0.14	8
Apple	0.08	3	-	-	0.08	3	-	-
Apricot	0.38	11	-	-	0.36	10	0.02	1
Cherry	3.35	160	-	-	-	-	3.35	160
Peach	0.08	4	-	-	-	-	0.08	4
Almond (hard)	35.56	1,167	-	-	15.48	619	20.08	548
Walnut	4.65	95	-	-	4.65	95	-	-
Pomegranate	0.34	21	-	-	0.08	5	0.26	16
Other Trees	2.10	75	0.47	17	0.19	7	1.44	51
Olive	664.11	13,268	3.89	66	79.17	1,879	581.05	11,323
Total	751.82	16,418	8.71	235	125.82	3,674	617.29	12,509

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

Area: Dunum, Number: tree

Type of Crop	Type of Protection									
	Total				Unbearing		Bearing			
	Open		Protected		Open		Open		Protected	
	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number
Avocado	60.23	2,539	-	-	4.28	150	55.95	2,389	-	-
Banana	0.09	9	-	-	-	-	0.09	9	-	-
Date	10.79	157	-	-	1.68	27	9.11	130	-	-
Fig	138.83	2,459	-	-	6.47	128	132.36	2,331	-	-
Mango	0.56	20	-	-	-	-	0.56	20	-	-
Aloe	6.48	218	-	-	0.45	13	6.03	205	-	-
Loquat	3.23	130	-	-	-	-	3.23	130	-	-
Guava	94.75	3,686	-	-	5.94	195	88.81	3,491	-	-
Custard apple	6.76	250	-	-	-	-	6.76	250	-	-
Grapefruit	0.08	4	-	-	-	-	0.08	4	-	-
Bomaly	0.16	8	-	-	-	-	0.16	8	-	-
Lemon	522.27	22,047	-	-	23.59	1,019	498.68	21,028	-	-
Orange, Valencia Orange	404.62	13,993	-	-	6.05	265	398.57	13,728	-	-
Shammoty Orange	9.70	453	-	-	0.44	20	9.26	433	-	-
Navel Orange	1.36	63	-	-	-	-	1.36	63	-	-
Francawy Orange	2.00	100	-	-	-	-	2.00	100	-	-
Mandarin	9.01	427	-	-	-	-	9.01	427	-	-
Clement	98.11	4,471	-	-	0.55	25	97.56	4,446	-	-
Poppy	12.61	538	-	-	0.24	12	12.37	526	-	-
Other Citrus	211.29	8,315	-	-	3.15	78	208.14	8,237	-	-
Grape	8.10	560	1.00	230	0.15	10	7.95	550	1.00	230
Apple	24.21	924	-	-	0.23	10	23.98	914	-	-
Apricot	38.11	1,268	-	-	3.31	83	34.80	1,185	-	-

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

Area: Dunum, Number: tree

Type of Crop	Type of Protection										
	Total				Unbearing		Bearing				
	Open		Protected		Open		Open		Protected		
	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	
Cherry	419.21	1,177	-	-	3.87	179	415.34	998	-	-	()
Peach	4.23	196	-	-	0.18	9	4.05	187	-	-	
Pears	0.02	1	-	-	-	-	0.02	1	-	-	
Plum	3.89	190	-	-	-	-	3.89	190	-	-	
Almond (hard)	856.75	27,093	-	-	160.13	5,704	696.62	21,389	-	-	
Walnut	14.20	213	-	-	4.65	95	9.55	118	-	-	
Pomegranate	17.57	694	-	-	0.34	21	17.23	673	-	-	
Other Trees	48.53	1,714	-	-	2.94	113	45.59	1,601	-	-	
Olive	58,689.43	901,063	-	-	2,611.36	47,959	56,078.07	853,104	-	-	
Total	61,717.18	994,980	1.00	230	2,840.00	56,115	58,877.18	938,865	1.00	230	

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

Area: Dunum, Number: tree

Status 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
Single	6,781.56	116,671	50,097.82	778,216	242.20	5,039	2,058.04	38,045	6,539.36	111,632	48,039.78	740,171
Associated	155.81	3,192	1,391.40	23,563	16.74	331	214.04	4,952	139.07	2,861	1,177.36	18,611
Mixed	636.04	15,589	2,655.55	57,979	81.59	2,225	227.39	5,523	554.45	13,364	2,428.16	52,456
Total	7,573.41	135,452	54,144.77	859,758	340.53	7,595	2,499.47	48,520	7,232.88	127,857	51,645.30	811,238

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

Area in Dunum, Number: tree

Method of Farming	Method of Irrigation							
	Total		Sprinkler		Drip		Surface	
	Area	Number	Area	Number	Area	Number	Area	Number
Compact	1,566.38	53,381	10.72	298	476.01	18,517	1,079.65	34,566
Scattered	175.86	5,856	4.36	120	27.82	1,110	143.68	4,626
Total	1,742.24	59,237	15.08	418	503.83	19,627	1,223.33	39,192

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Table 69: Number and Area of Unbearing Irrigated Horticulture Trees in Tulkarm Governorate by Method of Irrigation and Method of Farming, As in 01/10/2010

Area in Dunum, Number: tree

Method of Farming	Method of Irrigation							
	Total		Sprinkler		Drip		Surface	
	Area	Number	Area	Number	Area	Number	Area	Number
Compact	685.54	14,893	8.71	235	118.23	3,321	558.60	11,337
Scattered	66.28	1,525	-	-	7.59	353	58.69	1,172
Total	751.82	16,418	8.71	235	125.82	3,674	617.29	12,509

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

Area: Dunum, Number: tree

Method of Farming	Type of Protection									
	Total				Unbearing		Bearing			
	Open		Protected		Open		Open		Protected	
	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number
Compact	54,143.77	859,528	1.00	230	2,499.47	48,520	51,644.30	811,008	1.00	230
Scattered	7,573.41	135,452	-	-	340.53	7,595	7,232.88	127,857	-	-
Total	61,717.18	994,980	1.00	230	2,840.00	56,115	58,877.18	938,865	1.00	230

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Table 71: Number and Area of Bearing Horticulture Trees in Tulkarm Governorate by Type of Irrigation and Status of Crop, As in 01/10/2010

Area in Dunum, Number: tree

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Status of Crop	Type of Irrigation							
	Total		Not Stated		Irrigated		Rainfed	
	Area	Number	Area	Number	Area	Number	Area	Number
Single	54,579.14	851,803	131.60	4,357	1,238.19	39,253	53,209.35	808,193
Associated	1,316.43	21,472	2.10	75	77.01	3,078	1,237.32	18,319
Mixed	2,982.61	65,820	22.00	857	427.04	16,906	2,533.57	48,057
Total	58,878.18	939,095	155.70	5,289	1,742.24	59,237	56,980.24	874,569

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

Area in Dunum, Number: tree

Status of Crop	Type of Irrigation							
	Total		Not Stated		Irrigated		Rainfed	
	Area	Number	Area	Number	Area	Number	Area	Number
Single	2,300.24	43,084	21.90	387	581.44	12,066	1,696.90	30,631
Associated	230.78	5,283	3.59	130	90.19	2,145	137.00	3,008
Mixed	308.98	7,748	0.50	10	80.19	2,207	228.29	5,531
Total	2,840.00	56,115	25.99	527	751.82	16,418	2,062.19	39,170

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

Area in Dunum, Number: tree

Method of Farming	Method of Irrigation							
	Total		Sprinkler		Drip		Surface	
	Area	Number	Area	Number	Area	Number	Area	Number
Single	1,238.19	39,253	10.88	273	344.11	12,842	883.20	26,138
Associated	77.01	3,078	-	-	53.13	2,209	23.88	869
Mixed	427.04	16,906	4.20	145	106.59	4,576	316.25	12,185
Total	1,742.24	59,237	15.08	418	503.83	19,627	1,223.33	39,192

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

Area in Dunum, Number: tree

Method of Farming	Method of Irrigation									
	Total		المجموع		Sprinkler		Drip		Surface	
	Area	Number	Area	Number	Area	Number	Area	Number		
Single	581.44	12,066	4.00	140	81.66	2,239	495.78	9,687		
Associated	90.19	2,145	-	-	27.15	908	63.04	1,237		
Mixed	80.19	2,207	4.71	95	17.01	527	58.47	1,585		
Total	751.82	16,418	8.71	235	125.82	3,674	617.29	12,509		

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

Area: Dunum, Number: tree

Status of Crop	Type of Protection									
	Total				Unbearing		Bearing			
	Open		Protected		Open		Open		Protected	
	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number
Single	56,879.38	894,887	-	-	2,300.24	43,084	54,579.14	851,803	-	-
Associated	1,546.21	26,525	1.00	230	230.78	5,283	1,315.43	21,242	1.00	230
Mixed	3,291.59	73,568	-	-	308.98	7,748	2,982.61	65,820	-	-
Total	61,717.18	994,980	1.00	230	2,840.00	56,115	58,877.18	938,865	1.00	230

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

Area Group of Holding in Dunum	Total	Mix	Goats Only	Sheep Only	Cattles Only	
Up to 2.99	528	128	25	349	26	2.99
3 - 5.99	131	30	5	86	10	5.99 - 3
6 - 9.99	96	22	2	63	9	9.99 - 6
10 - 19.99	143	35	7	97	4	19.99 - 10
20 - 29.99	61	15	1	44	1	29.99 - 20
30 - 39.99	27	10	4	12	1	39.99 - 30
40 - 49.99	22	11	-	10	1	49.99 - 40
50 - 59.99	11	5	1	5	-	59.99 - 50
60 - 69.99	16	4	1	9	2	69.99 - 60
70 - 79.99	9	2	1	6	-	79.99 - 70
80 +	36	15	1	18	2	+ 80
Total	1,080	277	48	699	56	

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

Size of Holder Household	Total	Mix	Goats Only	Sheep Only	Cattles Only	
One Person	8	1	1	5	1	
2 - 3	117	27	7	75	8	3 - 2
4 - 5	221	50	9	153	9	5 - 4
6 - 9	631	169	24	404	34	9 - 6
10 +	102	29	7	62	4	+ 10
Not applicable	1	1	-	-	-	
Total	1,080	277	48	699	56	

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

Legal Status of Holder	Total	Mix	Goats Only	Sheep Only	Cattles Only	
Individual	949	239	40	620	50	
Partnership	57	18	2	37	-	
Household	73	19	6	42	6	
Others*	1	1	-	-	-	*
Total	1,080	277	48	699	56	

Others: Include Company, Government, Cooperative Society, and Othes

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

Main Purpose of Production	Total	Mix	Goats Only	Sheep Only	Cattles Only
For Household Consumption	565	118	24	401	22
For Sale	511	159	24	295	33
Not Stated	4	-	-	3	1
Total	1,080	277	48	699	56

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

Holding Management Method	Total	Mix	Goats Only	Sheep Only	Cattles Only	
Holder Himself	885	217	35	587	46	
Paid Manager	7	4	-	3	-	
Member of the Holders Family	185	56	13	106	10	
Not Stated	-	-	-	3	-	
Total	1,080	277	48	699	56	

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

Strain	Sex			
	Males and Females	Females Only	Males Only	
Cattles	20	78	10	
Local	5	10	2	
Friesian	12	53	6	
Hybrid	3	14	1	
Others	-	1	1	
Sheep	816	182	25	
Local	129	40	9	
Asaf	634	124	12	
Hybrid	49	18	4	
Others	4	-	-	
Goats	162	153	7	
Local	93	101	4	
Shami	33	25	2	
Hybrid	33	26	1	
Others	3	1	-	

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

Strain	Age			
	+ 2	2-1	Less Than 1 Year	
Cattles	68	38	40	
Local	8	8	11	
Friesian	48	26	21	
Hybrid	11	3	7	
Others	1	1	1	

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

Strain	Age		
	+ 1	Less Than 1 Year	
Sheep	942	743	
Local	157	105	
Asaf	717	585	
Hybrid	64	50	
Others	4	3	
Goats	292	165	
Local	180	99	
Shami	52	30	
Hybrid	57	33	
Others	3	3	

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

Strain	Type of Production System			
	Not Stated	Semi-Nomadic	Ranching	
Cattles	1	16	91	
Local	-	6	11	
Friesian	1	6	64	
Hybrid	-	4	14	
Others	-	-	2	
Sheep	60	303	660	
Local	15	70	93	
Asaf	40	204	526	
Hybrid	4	29	38	
Others	1	-	3	
Goats	25	112	185	
Local	15	76	107	
Shami	4	14	42	
Hybrid	6	21	33	
Others	-	1	3	

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

Strain	Main Purpose of Production			
	Not Stated	For Meat	For Milk	
Cattles	-	14	94	
Local	-	2	15	
Friesian	-	9	62	
Hybrid	-	2	16	
Others	-	1	1	
Sheep	6	148	869	
Local	-	36	142	
Asaf	4	99	667	
Hybrid	-	13	58	
Others	2	-	2	
Goats	3	28	291	
Local	2	16	180	
Shami	1	8	51	
Hybrid	-	4	56	
Others	-	-	4	

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Table 86: Number of Cattles in Tulkarm 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
Tulkarm Governorate	906	618	288	2	7	24	44	543	220	49	17
'Akkaba	-	-	-	-	-	-	-	-	-	-	-
Qaffin	7	5	2	-	-	1	-	4	2	-	-
Nazlat 'Isa	1	1	-	-	-	-	-	1	-	-	-
An Nazla ash	22	14	6	2	-	2	-	10	6	-	-
Baqa ash Sharqiya	30	9	21	-	-	-	-	9	21	-	-
An Nazla al Wusta	-	-	-	-	-	-	-	-	-	-	-
An Nazla al Gharbiya	-	-	-	-	-	-	-	-	-	-	-
Zeita	1	1	-	-	-	-	-	1	-	-	-
Seida	1	1	-	-	-	-	-	1	-	-	-
'Illar	6	5	1	-	-	1	1	3	-	1	-
'Attil	8	8	-	-	-	1	-	7	-	-	-
Deir al Ghusun	11	11	-	-	-	-	-	11	-	-	-
Al Jarushiya	-	-	-	-	-	-	-	-	-	-	-
Al Masqufa	-	-	-	-	-	-	-	-	-	-	-
Bal'a	10	10	-	-	-	1	-	6	-	3	-
Iktaba	4	4	-	-	-	-	-	4	-	-	-
Nur Shams Camp	1	1	-	-	-	1	-	-	-	-	-
Tulkarm Camp	-	-	-	-	-	-	-	-	-	-	-
Tulkarm	263	192	71	-	7	1	-	187	64	4	-
Anabta	72	23	49	-	-	-	40	23	6	-	3
Kafr al Labad	72	39	33	-	-	4	1	30	32	5	-
Kafa	23	14	9	-	-	2	-	-	4	12	5
Al Haffasi	10	10	-	-	-	-	-	7	-	3	-

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Table 86 (Cont.): Number of Cattles in Tulkarm 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
Ramin	1	1	-	-	-	1	-	-	-	-	-
Far'un	7	7	-	-	-	-	-	7	-	-	-
Shufa	33	2	31	-	-	-	-	2	31	-	-
Khirbet Jubara	-	-	-	-	-	-	-	-	-	-	-
Saffarin	30	17	13	-	-	-	-	2	5	15	8
Beit Lid	7	5	2	-	-	2	2	3	-	-	-
Ar Ras	1	1	-	-	-	-	-	1	-	-	-
Kafr Sur	270	221	49	-	-	1	-	220	49	-	-
Kur	11	11	-	-	-	4	-	4	-	3	-
Kafr Zibad	-	-	-	-	-	-	-	-	-	-	-
Kafr Jammal	4	3	1	-	-	-	-	-	-	3	1
Kafr 'Abbush	2	2	-	-	-	2	-	-	-	-	-

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Table 87: Number of Sheep in Tulkarm 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
Tulkarm Governorate	16,946	13,035	3,911	83	9	1,118	156	9,545	2,685	2,289	1,061
'Akkaba	535	480	55	-	-	16	3	346	36	118	16
Qaffin	437	306	131	-	-	-	-	249	98	57	33
Nazlat 'Isa	194	173	21	-	-	-	-	158	21	15	-
An Nazla ash	274	255	19	-	-	46	3	124	8	85	8
Baqa ash Sharqiya	254	148	106	-	-	-	-	145	78	3	28
An Nazla al Wusta	76	66	10	-	-	-	-	64	10	2	-
An Nazla al Gharbiya	332	273	59	-	-	-	-	261	56	12	3
Zeita	286	257	29	-	-	75	2	141	24	41	3
Seida	648	521	127	-	-	5	-	469	109	47	18
'Illar	871	766	105	43	5	131	7	428	68	164	25
'Attil	1,511	1,327	184	-	-	113	11	1,127	162	87	11
Deir al Ghusun	355	289	66	-	-	-	-	237	58	52	8
Al Jarushiya	12	10	2	-	-	-	-	10	2	-	-
Al Masqufa	69	65	4	-	-	-	-	65	4	-	-
Bal'a	698	543	155	-	-	-	-	490	142	53	13
Iktaba	275	228	47	15	1	14	3	169	34	30	9
Nur Shams Camp	105	96	9	-	-	30	2	47	6	19	1
Tulkarm Camp	14	9	5	-	-	6	4	-	-	3	1
Tulkarm	2,739	1,713	1,026	-	-	14	7	1,005	371	694	648
Anabta	837	663	174	-	-	253	18	389	153	21	3
Kafr al Labad	702	487	215	-	-	-	-	424	211	63	4
Kafa	66	39	27	-	-	-	-	21	14	18	13
Al Haffasi	125	119	6	-	-	-	-	63	4	56	2

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Table 87 (Cont.): Number of Sheep in Tulkarm 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
Ramin	695	568	127	-	-	127	19	427	101	14	7
Far'un	83	50	33	-	-	-	-	36	14	14	19
Shufa	874	528	346	-	-	11	13	238	195	279	138
Khirbet Jubara	105	92	13	-	-	-	-	42	9	50	4
Saffarin	290	201	89	-	-	-	-	168	78	33	11
Beit Lid	1,159	911	248	25	3	119	17	749	220	18	8
Ar Ras	94	80	14	-	-	-	-	24	8	56	6
Kafr Sur	163	132	31	-	-	21	2	91	27	20	2
Kur	106	86	20	-	-	-	-	86	20	-	-
Kafr Zibad	306	279	27	-	-	28	1	247	26	4	-
Kafr Jammal	544	463	81	-	-	-	-	400	69	63	12
Kafr 'Abbush	1,112	812	300	-	-	109	44	605	249	98	7

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Table 88: Number of Goats in Tulkarm 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
Tulkarm Governorate	2,969	2,433	536	85	22	650	85	378	110	1,320	319
'Akkaba	289	258	31	-	-	202	28	-	-	56	3
Qaffin	76	65	11	-	-	2	-	3	-	60	11
Nazlat 'Isa	16	16	-	-	-	-	-	10	-	6	-
An Nazla ash	70	65	5	-	-	-	-	1	1	64	4
Baqa ash Sharqiya	157	99	58	-	-	-	-	13	7	86	51
An Nazla al Wusta	3	2	1	-	-	-	-	-	-	2	1
An Nazla al Zeita	5	5	-	-	-	-	-	-	-	5	0
Zeita	70	64	6	-	-	11	1	3	0	50	5
Seida	15	13	2	-	-	-	-	-	-	13	2
'Illar	104	76	28	-	-	12	2	35	5	29	21
'Attil	193	179	14	-	-	22	4	18	3	139	7
Deir al Ghusun	52	45	7	-	-	19	5	-	-	26	2
Al Jarushiya	-	-	-	-	-	-	-	-	-	-	-
Al Masqufa	-	-	-	-	-	-	-	-	-	-	-
Bal'a	72	64	8	-	-	-	-	57	6	7	2
Iktaba	86	58	28	-	-	26	10	12	8	20	10
Nur Shams Camp	79	69	10	-	-	8	-	32	6	29	4
Tulkarm Camp	1	1	-	-	-	-	-	1	-	-	-
Tulkarm	434	299	135	65	19	46	5	98	51	90	60
Anabta	148	140	8	-	-	107	6	9	1	24	1
Kafr al Labad	58	49	9	2	1	5	1	4	2	38	5
Kafa	40	30	10	-	-	-	-	1	4	29	6
Al Haffasi	32	15	1	-	-	-	-	-	-	15	1

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Table 88 (Cont.): Number of Goats in Tulkarm 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
Ramin	134	114	20	-	-	53	7	11	4	50	9
Far'un	42	37	5	-	-	4	3	33	2	-	-
Shufa	192	145	47	-	-	16	1	8	3	121	43
Khirbet Jubara	32	27	5	-	-	-	-	-	-	27	5
Saffarin	28	24	4	-	-	-	-	-	-	24	4
Beit Lid	151	105	46	1	2	28	7	9	3	67	34
Ar Ras	56	52	4	17	-	2	-	-	-	33	4
Kafr Sur	11	7	4	-	-	-	-	-	-	7	4
Kur	113	110	3	-	-	-	-	-	-	110	3
Kafr Zibad	11	10	1	-	-	-	-	10	1	-	-
Kafr Jammal	61	54	7	-	-	-	-	6	2	48	5
Kafr 'Abbush	154	136	18	-	-	87	5	4	1	45	12

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

Strain	Total	Age and Sex العمر والجنس						
		+ 2		2-1		Less Than 1 Year		
		Females	Males	Females	Males	Females	Males	
Local	66	21	2	17	2	11	13	
Friesian	763	359	3	70	25	114	192	
Hybrid	68	14	1	3	-	7	43	
Others	9	1	-	-	7	1	-	
Total	906	395	6	90	34	133	248	

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

Strain	Total	Age and Sex العمر والجنس			
		+1		Less Than 1 Year	
		Females	Males	Females	Males
Sheep	16,946	9,471	822	3,564	3,089
Local	3,350	1,668	152	621	909
Asaf	12,230	6,864	575	2,681	2,110
Hybrid	1,274	867	90	251	66
Others	92	72	5	11	4
Goats	2,969	1,836	185	597	351
Local	1,639	977	111	343	208
Shami	488	282	35	96	75
Hybrid	735	516	36	134	49
Others	107	61	3	24	19

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

Strain	Total	Main Purpose of Production		
		Not Stated	For Meat	For Milk
Cattles	906	-	168	738
Local	66	-	4	62
Friesian	763	-	115	648
Hybrid	68	-	42	26
Others	9	-	7	2
Sheep	16,946	97	3,600	13,249
Local	3,350	-	1,135	2,215
Asaf	12,230	43	2,338	9,849
Hybrid	1,274	-	127	1,147
Others	92	54	-	38
Goats	2,969	10	356	2,603
Local	1,639	9	232	1,398
Shami	488	1	90	397
Hybrid	735	-	34	701
Others	107	-	-	107

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

Type	Total	Area of Worked Barn (m ²) (²)					
		+ 6,000	5,999 - 3,000	2,999 - 1,000	999 - 500	500 Less than 500	
Mothers of Broiler	2	1	-	1	-	-	
Broilers	247	-	3	12	30	202	
Layers	70	-	3	8	22	37	
Turkey Males	15	-	1	3	3	8	
Turkey Females	14	-	-	3	3	8	

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Table 93: Number of Agricultural Holdings in Tulkarm 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	2	2	-	-	-	-	
Broilers	247	24	28	58	76	61	
Layers	70	13	26	11	5	15	
Turkey Males	15	2	2	3	2	6	
Turkey Females	14	2	1	3	3	5	

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Table 94: Number of Agricultural Holdings in Tulkarm 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	247	9	14	32	42	150	
Broilers	70	6	16	16	5	27	
Layers	2	2	-	-	-	0	
Turkey Males	15	1	1	2	3	8	
Turkey Females	14	-	1	2	2	9	

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

Locality	Type			
	Turkeys	Mothers of Broiler	Layers	Broilers
Tulkarm Governorate	37,201	27,000	211,960	334,279
'Akkaba	-	-	-	27,000
Qaffin	1,400	-	4,000	6,000
Nazlat 'Isa	-	-	-	2,700
An Nazla ash Sharqiya	-	-	-	4,350
Baqa ash Sharqiya	-	-	-	6,500
An Nazla al Wusta	-	-	-	4,300
An Nazla al Gharbiya	-	-	1,000	5,500
Zeita	-	-	2,900	15,150
Seida	670	-	5,000	16,400
'Illar	2,600	-	3,000	22,030
'Attil	1,200	-	21,100	35,550
Deir al Ghusun	-	-	200	8,550
Al Jarushiya	-	-	8,700	2,500
Al Masqufa	-	-	500	-
Bal'a	14,500	27,000	110,200	21,800
Iktaba	-	-	5,150	2,050
Nur Shams Camp	2,000	-	-	1,500
Tulkarm Camp	-	-	-	-
Tulkarm	11,931	-	23,135	32,700
Anabta	500	-	4,555	12,500
Kafr al Labad	-	-	-	12,755
Kafa	-	-	4,000	5,600
Al Haffasi	-	-	-	-
Ramin	-	-	470	6,450
Far'un	-	-	2,090	7,000
Shufa	-	-	8,000	53,100
Khirbet Jubara	-	-	7,000	-
Saffarin	-	-	-	4,800
Beit Lid	-	-	900	5,644
Ar Ras	-	-	-	500
Kafr Sur	2,400	-	-	1,400
Kur	-	-	-	300
Kafr Zibad	-	-	-	-
Kafr Jammal	-	-	-	150
Kafr 'Abbush	-	-	60	9,500

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

Locality	Type of Poultry										نوع الدواجن
	Turkey			Broilers Mothers		Layers		Broilers			
	Average of Cycles Per Year	Area of Worked Barns (m2)	Number	Area of Worked Barns (m2)	Number	Area of Worked Barns (m2)	Number	Average of Cycles Per Year	Area of Worked Barns (m2)	Number	
Tulkarm Governorate	2	17,720	146,400	8,000	27,000	42,450	211,960	3	78,649	2,288,065	
'Akkaba	-	-	-	-	-	-	-	4	3,630	110,000	
Qaffin	1	1,450	1,400	-	-	550	4,000	4	1,500	50,000	
Nazlat 'Isa	-	-	-	-	-	-	-	5	320	15,300	
An Nazla ash Sharqiya	-	-	-	-	-	-	-	4	520	19,300	
Baqa ash Sharqiya	-	-	-	-	-	-	-	5	2,170	96,000	
An Nazla al Wusta	-	-	-	-	-	-	-	3	1,550	47,700	
An Nazla al Gharbiya	-	-	-	-	-	400	1,000	3	1,120	28,500	
Zeita	-	-	-	-	-	250	2,900	3	2,693	79,100	
Seida	2	900	3,400	-	-	500	5,000	4	5,869	138,090	
'Illar	1	1,830	12,900	-	-	200	3,000	3	5,592	110,600	
'Attil	2	1,500	10,900	-	-	5,600	21,100	3	5,010	104,200	
Deir al Ghusun	-	-	-	-	-	70	200	4	4,773	60,000	
Al Jarushiya	-	-	-	-	-	850	8,700	2	320	3,700	
Al Masqufa	-	-	-	-	-	50	500	-	-	-	
Bal'a	2	4,500	74,000	8,000	27,000	17,350	110,200	2	9,550	315,500	
Iktaba	-	-	-	-	-	864	5,150	3	1,880	27,500	
Nur Shams Camp	2	300	4,000	-	-	-	-	3	168	4,500	
Tulkarm Camp	-	-	-	-	-	-	-	-	-	-	
Tulkarm	2	4,420	32,500	-	-	5,775	23,135	4	6,060	165,450	
Anabta	1	700	2,000	-	-	2,350	4,555	3	1,500	44,500	
Kafr al Labad	-	-	-	-	-	-	-	3	4,175	65,425	
Kafa	-	-	-	-	-	700	4,000	2	550	12,200	
Al Haffasi	-	-	-	-	-	-	-	-	-	-	

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Table 96 (Cont.): Number of Raised Poultry Per Year, Area of Worked Barns and Average of Cycles Per Year in Tulkarm Governorate by Type and Locality,

Locality	نوع الدواجن									
	Turkey			Broilers Mothers		Layers		Broilers		
	Average of Cycles Per Year	Area of Worked Barns (m2)	Number	Area of Worked Barns (m2)	Number	Area of Worked Barns (m2)	Number	Average of Cycles Per Year	Area of Worked Barns (m2)	Number
Ramin	-	-	-	-	-	145	470	3	2,205	61,700
Far'un	-	-	-	-	-	3,520	2,090	4	970	38,000
Shufa	1	120	500	-	-	650	8,000	4	10,730	489,500
Khirbet Jubara	-	-	-	-	-	2,400	7,000	-	-	-
Saffarin	-	-	-	-	-	-	-	6	530	28,000
Beit Lid	-	-	-	-	-	220	900	3	2,289	66,850
Ar Ras	-	-	-	-	-	-	-	5	50	2,500
Kafr Sur	1	2,000	4,800	-	-	-	-	3	370	6,700
Kur	-	-	-	-	-	-	-	4	100	4,000
Kafr Zibad	-	-	-	-	-	-	-	4	320	13,500
Kafr Jammal	-	-	-	-	-	-	-	2	260	2,900
Kafr 'Abbush	-	-	-	-	-	6	60	5	1,875	76,850

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Table 97: Number of Agricultural Holdings in Tulkarm 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	247	36	30	53	43	46	39	
Male Turkey	8	:	:	:	:	*7	8	
Female Turkey	7	:	:	:	:	*7	7	

(:): Not applicabel

:(:)

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

3 2

:(*)

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Table 98: Number of Agricultural Holdings in Tulkarm 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	
Broilers	247	86	59	43	36	23	
Layers	70	6	16	16	5	27	
Mothers of Broiler	2	2	-	-	-	-	
Turkey Males	15	2	2	4	3	4	
Turkey Females	14	2	2	4	2	4	

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Table 99: Number of Poultry in Tulkarm 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	
Broilers	2,288,065	1,030,200	332,400	499,700	327,500	98,265	
Layers	211,960	95,600	84,950	24,857	3,450	3,103	
Mothers of Broiler	27,000	27,000	-	-	-	-	
Turkey Males	61,050	37,000	5,000	11,800	3,000	4,250	
Turkey Females	85,350	59,500	3,000	14,400	5,400	3,050	

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

Type	Total	Area of Worked Barns (m ²) (²)					
		+ 6,000	5,999 - 3,000	2,999 - 1,000	999 - 500	500 Less than 500	
Broilers	2,288,065	-	302,000	509,200	481,500	995,365	
Layers	211,960	-	43,000	45,100	72,250	51,610	
Mothers of Broiler	27,000	15,000	-	12,000	-	-	
Turkey Males	61,050	-	19,000	22,400	12,400	7,250	
Turkey Females	85,350	-	-	57,100	16,500	11,750	

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Table 101: Number of Poultry in Tulkarm 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	2,288,065	690,300	613,750	424,300	246,890	237,700	75,125	
Male Turkey	61,050	:	:	:	:	*50,800	10,250	
Female Turkey	85,350	:	:	:	:	*77,100	8,250	

(:): Not applicabel

:(:)

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

3 2

:(*)

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

Locality	Type		
	Donkeys	Mules	Horses
Tulkarm Governorate	1,003	20	119
'Akkaba	6	-	-
Qaffin	141	-	4
Nazlat 'Isa	2	-	1
An Nazla ash Sharqiya	28	-	1
Baqa ash Sharqiya	11	-	3
An Nazla al Wusta	-	-	-
An Nazla al Gharbiya	11	-	1
Zeita	6	-	1
Seida	14	1	1
'Illar	51	2	9
'Attil	30	1	4
Deir al Ghusun	21	2	10
Al Jarushiya	-	-	-
Al Masqufa	-	-	-
Bal'a	61	1	10
Iktaba	6	-	1
Nur Shams Camp	2	-	-
Tulkarm Camp	3	1	2
Tulkarm	38	-	12
Anabta	18	-	8
Kafr al Labad	88	1	12
Kafa	5	-	1
Al Haffasi	30	-	11
Ramin	35	-	-
Far'un	5	-	1
Shufa	56	-	2
Khirbet Jubara	1	-	-
Saffarin	26	-	1
Beit Lid	173	-	2
Ar Ras	3	-	-
Kafr Sur	3	-	-
Kur	11	-	12
Kafr Zibad	27	6	3
Kafr Jammal	47	2	5
Kafr 'Abbush	44	3	1

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

Locality	Total	Number of Beehives	
		Modern Beehives	Traditional Beehives
Tulkarm Governorate	3,383	3,323	60
'Akkaba	-	-	-
Qaffin	155	155	-
Nazlat 'Isa	-	-	-
An Nazla ash Sharqiya	87	82	5
Baqa ash Sharqiya	30	30	-
An Nazla al Wusta	36	36	-
An Nazla al Gharbiya	6	-	6
Zeita	10	10	-
Seida	77	76	1
'Illar	49	49	-
'Attil	382	382	-
Deir al Ghusun	138	138	-
Al Jarushiya	25	25	-
Al Masqufa	-	-	-
Bal'a	366	366	-
Iktaba	50	50	-
Nur Shams Camp	20	20	-
Tulkarm Camp	-	-	-
Tulkarm	708	660	48
Anabta	160	160	-
Kafr al Labad	85	85	-
Kafa	-	-	-
Al Haffasi	-	-	-
Ramin	67	67	-
Far'un	17	17	-
Shufa	82	82	-
Khirbet Jubara	-	-	-
Saffarin	50	50	-
Beit Lid	407	407	-
Ar Ras	-	-	-
Kafr Sur	76	76	-
Kur	-	-	-
Kafr Zibad	10	10	-
Kafr Jammal	143	143	-
Kafr 'Abbush	147	147	-

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

Type of Employee	Total	Type of Holdings			
		Mixed	Animal	Plant	
Unpaid Permanent Family Members	4,172	596	432	3,144	
Unpaid Temporary Family Members	4,610	496	176	3,938	
Permanent Wage Employees	427	46	21	360	
Temporary Wage Employees	5,731	663	94	4,974	

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

Number of Permanent Wage Employees	Total	Type of Agricultural Holding			
		Mixed	Animal	Plant	
1	185	19	15	151	1
2	112	9	4	99	2
3	46	7	-	39	3
4	38	4	1	33	4
5	20	2	-	18	5
6 +	26	5	1	20	+ 6
Total	427	46	21	360	
Average Number of Permanent Wage Employees in Agricultural Holding	2.5	3.1	1.6	2.5	

جدول 107: عدد العمال الزراعيين الدائمين بأجر في الحيازات الزراعية في محافظة طولكرم حسب نوع الحيازة والجنس والتجمع،
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Table 107: Number of Permanent Wage Employees in Agricultural Holdings in Tulkarm Governorate by Type of Agricultural Holding, Sex and Locality, 2009/2010

Locality	Total		Type of Holding					
			Mixed		Animal		Plant	
	Females	Males	Females	Males	Females	Males	Females	Males
Tulkarm Governorate	138	883	18	125	-	34	120	724
'Akkaba	-	5	-	1	-	1	-	3
Qaffin	4	12	-	-	-	-	4	12
Nazlat 'Isa	-	-	-	-	-	-	-	-
An Nazla ash Sharqiya	-	14	-	-	-	-	-	14
Baqa ash Sharqiya	-	30	-	-	-	-	-	30
An Nazla al Wusta	-	1	-	-	-	-	-	1
An Nazla al Gharbiya	-	-	-	-	-	-	-	-
Zeita	6	19	2	11	-	-	4	8
Seida	1	20	-	5	-	2	1	13
'Illar	17	83	8	32	-	-	9	51
'Attil	18	179	2	3	-	5	16	171
Deir al Ghusun	5	60	-	2	-	1	5	57
Al Jarushiya	3	3	-	-	-	-	3	3
Al Masqufa	-	2	-	-	-	-	-	2
Bal'a	10	51	-	12	-	1	10	38
Iktaba	-	5	-	-	-	-	-	5
Nur Shams Camp	-	2	-	-	-	1	-	1
Tulkarm Camp	5	22	-	-	-	-	5	22
Tulkarm	33	211	1	24	-	10	32	177
Anabta	7	20	-	3	-	-	7	17
Kafr al Labad	7	32	-	4	-	-	7	28
Kafa	-	2	-	-	-	-	-	2
Al Haffasi	-	-	-	-	-	-	-	-
Ramin	-	1	-	-	-	1	-	-
Far'un	13	32	-	-	-	-	13	32
Shufa	5	22	5	14	-	7	-	1
Khirbet Jubara	-	3	-	1	-	1	-	1
Saffarin	-	4	-	-	-	-	-	4
Beit Lid	-	5	-	1	-	-	-	4
Ar Ras	1	7	-	1	-	-	1	6
Kafr Sur	-	15	-	5	-	4	-	6
Kur	-	-	-	-	-	-	-	-
Kafr Zibad	-	-	-	-	-	-	-	-
Kafr Jammal	2	14	-	2	-	-	2	12
Kafr 'Abbush	1	7	-	4	-	-	1	3

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

Locality	Total		Type of Holding					
			Mixed		Animal		Plant	
	Females	Males	Females	Males	Females	Males	Females	Males
Tulkarm Governorate	2,104	5,414	282	877	157	510	1,665	4,027
'Akkaba	38	69	10	24	5	11	23	34
Qaffin	279	454	20	41	6	9	253	404
Nazlat 'Isa	55	163	4	18	-	7	51	138
An Nazla ash Sharqiya	43	212	12	40	1	14	30	158
Baqa ash Sharqiya	71	235	-	14	3	5	68	216
An Nazla al Wusta	12	38	3	7	1	4	8	27
An Nazla al Gharbiya	15	64	5	32	7	9	3	23
Zeita	69	143	11	17	3	9	55	117
Seida	90	206	18	49	8	21	64	136
'Illar	316	626	51	134	12	34	253	458
'Attil	249	596	19	67	19	56	211	473
Deir al Ghusun	72	288	3	16	4	17	65	255
Al Jarushiya	2	6	-	1	-	1	2	4
Al Masqufa	2	4	-	1	-	-	2	3
Bal'a	46	234		24	5	37	41	173
Iktaba	18	57	6	13	5	18	7	26
Nur Shams Camp	8	47	-	3	3	11	5	33
Tulkarm Camp	38	88	1	3	3	2	34	83
Tulkarm	240	780	13	59	31	112	196	609
Anabta	22	68	4	20	-	14	18	34
Kafr al Labad	136	342	27	88	11	24	98	230
Kafa	9	41	4	24	1	3	4	14
Al Haffasi	9	19	4	11	1	3	4	5
Ramin	6	19	4	12	1	5	1	2
Far'un	45	83	-	8	1	4	44	71
Shufa	85	238	18	56	10	32	57	150
Khirbet Jubara	22	40	6	6	-	2	16	32
Saffarin	-	21	-	8	-	8	-	5
Beit Lid	44	70	22	37	11	10	11	23
Ar Ras	17	30	4	3	-	-	13	27
Kafr Sur	7	11	-	4	-	2	7	5
Kur	-	8	-	4	-	1	-	3
Kafr Zibad	-	-	-	-	-	-	-	-
Kafr Jammal	22	67	2	10	1	2	19	55
Kafr 'Abbush	17	47	11	23	4	23	2	1

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

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

Locality	Total		Type of Holding					
			Mixed		Animal		Plant	
	Females	Males	Females	Males	Females	Males	Females	Males
Tulkarm Governorate	3,596	5,907	440	721	67	191	3,089	4,995
'Akkaba	-	2	-	1	-	-	-	1
Qaffin	179	255	12	17		3	167	235
Nazlat 'Isa	3	11	-	-	-	1	3	10
An Nazla ash Sharqiya	2	10	-	3	-	-	2	7
Baqa ash Sharqiya	86	155	9	14	-	2	77	139
An Nazla al Wusta	13	24	1	2	1	2	11	20
An Nazla al Gharbiya	49	77	8	15	-	1	41	61
Zeita	102	108	4	12	5	3	93	93
Seida	146	241	13	19	4	7	129	215
'Illar	53	130	7	10	-	3	46	117
'Attil	44	114	6	10	2	11	36	93
Deir al Ghusun	386	630	8	8	1	2	377	620
Al Jarushiya	30	69	1	3	2	3	27	63
Al Masqufa	30	43	4	4	-	-	26	39
Bal'a	109	356	5	36	-	12	104	308
Iktaba	32	46	11	16	4	7	17	23
Nur Shams Camp	5	15	-	-	-	2	5	13
Tulkarm Camp	24	33	2	-	-	1	22	32
Tulkarm	344	588	24	39	11	37	309	512
Anabta	360	579	19	26	5	9	336	544
Kafr al Labad	146	159	33	21	2	3	111	135
Kafa	11	5	9	2	-	1	2	2
Al Haffasi	2	-	1	-	-	-	1	-
Ramin	220	406	57	113	2	10	161	283
Far'un	60	89	3	3	-	3	57	83
Shufa	52	83	8	14	1	8	43	61
Khirbet Jubara	6	2	1	-	-	-	5	2
Saffarin	28	59	8	17	5	8	15	34
Beit Lid	435	747	86	163	13	28	336	556
Ar Ras	26	26	6	4	1	1	19	21
Kafr Sur	68	114	7	14	2	5	59	95
Kur	3	34	-	12		3	3	19
Kafr Zibad	119	165	25	38	4	9	90	118
Kafr Jammal	274	372	34	47	1	4	239	321
Kafr 'Abbush	149	160	28	38	1	2	120	120

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

Age Group	Total	Total		Permanent Wage Employees		Unpaid Family Members				
		Females	Males	Females	Males	Temporary Employee		Permanent Employee		
						Females	Males	Females	Males	
Less than 10 years	109	25	84	-	3	18	57	7	24	10
10 - 14	487	110	377	2	11	82	234	26	132	14 - 10
15 - 17	961	163	798	3	49	112	453	48	296	17 - 15
18 - 29	3,670	725	2,945	20	302	485	1,559	220	1,084	29 - 18
30 - 59	10,541	4,083	6,458	108	492	2,418	2,827	1,557	3,139	59 -30
60 +	2,274	732	1,542	5	26	481	777	246	739	+ 60
Total	18,042	5,838	12,204	138	883	3,596	5,907	2,104	5,414	

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

Type of Machine and Equipment	Source and Type of Machine						
	Not Stated	Other	Borrowed	Rented from society	Rented from others	Owened	
Four-Wheel Tractor	55	-	3	1	3,256	239	
Track-Laying Tractor	1	-	-	-	2	-	
Cultivator	24	-	6	1	1,356	73	()
Plough	7	-	-	-	296	19	
Rotary Tiller	16	1	-	-	754	12	
Plastic Spreader	-	-	-	-	1	-	
Spike -Tooth Harrow	23	-	-	-	877	39	
Disk	-	-	-	-	8	-	()
Redger	-	-	-	-	11	-	
Turbine	1	-	-	-	19	1	()
Grain Drill	1	-	-	-	4	3	
Disk Harrows	-	-	-	-	2	-	()
Mold Broad Plough	-	-	-	-	10	-	
Potatoes Planter	-	-	-	-	1	-	()
Sprayer	7	-	22	1	968	328	()
Furrow Fertilizer	-	-	-	-	2	-	
Broad Caster	-	-	-	-	2	3	
Water Tank	1	-	-	-	19	4	
Manure Spreader	-	-	-	-	-	1	
Thresher	3	-	-	-	182	8	()
Reaper-binder	-	-	-	-	13	-	
Combine	-	-	-	-	35	3	
Cutter - Bar	-	-	-	-	2	-	()
Trailer	2	-	2	-	381	66	
Potatoes Digger	-	-	-	-	1	-	
Milking Machine	-	-	-	-	1	16	
Honey Extractor	-	-	1	-	18	10	

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Table 112: Number of Agricultural Holdings which Using Machines and Equipments in the Tulkarm Governorate by Type of Agricultural Holdings and Type of Machine and Equipment, 2009/2010

Type of Machine and Equipment	Type of Holdings			
	Mixed	Animal	Plant	
Four-Wheel Tractor	477	15	3,062	
Track-Laying Tractor	1	-	2	
Cultivator	213	1	1,246	()
Plough	43	-	279	
Rotary Tiller	99	1	683	
Plastic Spreader	1	-	-	
Spike -Tooth Harrow	138		801	
Disk	1	-	7	()
Redger	-	-	11	
Turbine	8	-	13	()
Grain Drill	2	-	6	
Disk Harrows	-	-	2	()
Mold Broad Plough	1	-	9	
Potatoes Planter	-	-	1	()
Sprayer	177	-	1,149	()
Furrow Fertilizer	1	-	1	
Broad Caster	2	-	3	
Water Tank	1	-	23	
Manure Spreader	-	-	1	
Thresher	76	-	117	()
Reaper-binder	2	-	11	
Combine	15	-	23	
Cutter - Bar	-	-	2	()
Trailer	89	7	355	
Potatoes Digger	-	-	1	
Milking Machine	5	12	-	
Honey Extractor	17	12	-	

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Table 113: Number of Agricultural Holdings that are Constrained by Israeli Measures in Tulkarm Governorate by Type of Holding and Type of Constrained, 2009/2010

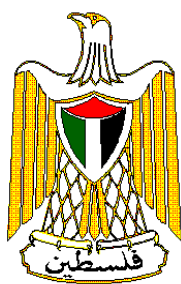
Type of Constrained	Total		Type of Agricultural Holdings					
			Mixed		Animal		Plant	
	Area	Number	Area	Number	Area	Number	Area	Number
Expansion and annexation wall Only	8,693.38	576	1,202.13	52	3.41	7	7,487.84	517
Israeli Settlements Only	4,830.83	165	1,620.25	35	0.12	2	3,210.46	128
Closed Israeli Military Areas Only	194.70	17	53.20	4	-	-	141.50	13
Military Barriers Only	925.15	31	280.21	6	2.25	3	642.69	22
More than One Israeli Constrained	10,118.59	316	2,413.68	45	0.54	6	7,704.37	265
Total	24,762.65	1,105	5,569.47	142	6.32	18	19,186.86	945

2010/2009

:114

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

Indicator	Total	Type of Holding			
		Mixed	Animal	Plant	
Number of the holdings which have hatchery	7	5	2	-	
Number of the holdings which have fishery	19	3	2	14	
Number of the holdings which the income from it is composed the main income of the Household	1,556	373	164	1,019	
Number of the holdings which benefit from the reclamation project or opening a street or any other projects	869	137	24	708	



Palestinian National Authority

**Palestinian Central Bureau of
Statistics**

Ministry of Agriculture

Agricultural Census - 2010



Final Results – Tulkarm Governorate

January, 2012

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PCBS expresses its gratitude to the Islamic Development Bank (IDB), the World Bank (WB), and the European Union (EU) for their valuable contribution towards the funding of this project.

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 Tulkarm 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

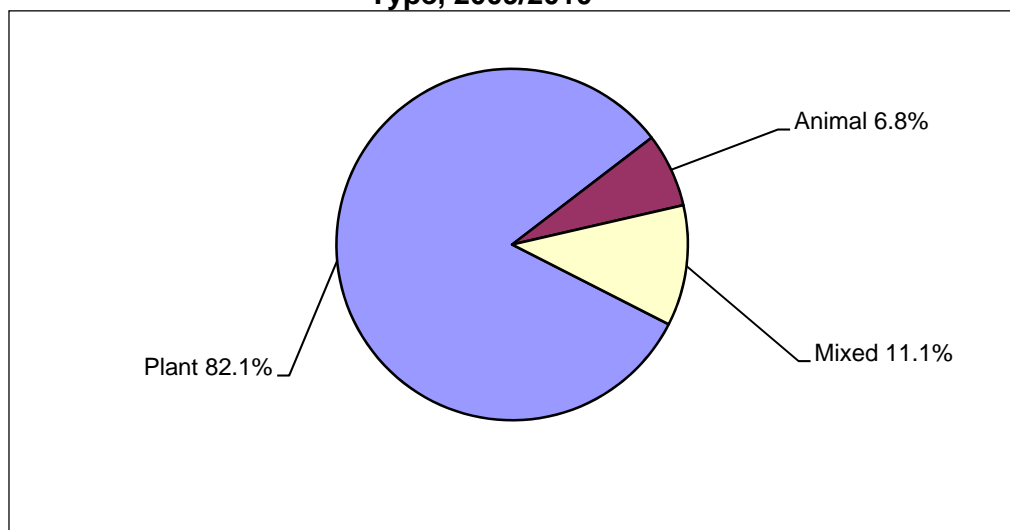
The final results of the Agricultural Census 2010 include the number of agricultural holdings, classified according to the type of holding (plant, animal, or mixed); the area of cultivated land during the agricultural year 2009/2010 from the first of October 2009 to 30 September 2010; the number of domestic 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 8,035 agricultural holdings in Tulkarm Governorate. The most common type of agricultural holding was plant holdings: there were 6,595 plant holdings, equivalent to 82.1% of all agricultural holdings in Tulkarm Governorate.

The results indicated that during the agricultural year 2009/2010 there were 544 animal holdings, equivalent to 6.8% of all agricultural holdings in Tulkarm Governorate. Data indicated that during the agricultural year 2009/2010 there were 896 mixed holdings, equivalent to 11.1% of all agricultural holdings in Tulkarm Governorate.

Percentage Distribution of Agricultural Holdings in Tulkarm Governorate by Type, 2009/2010

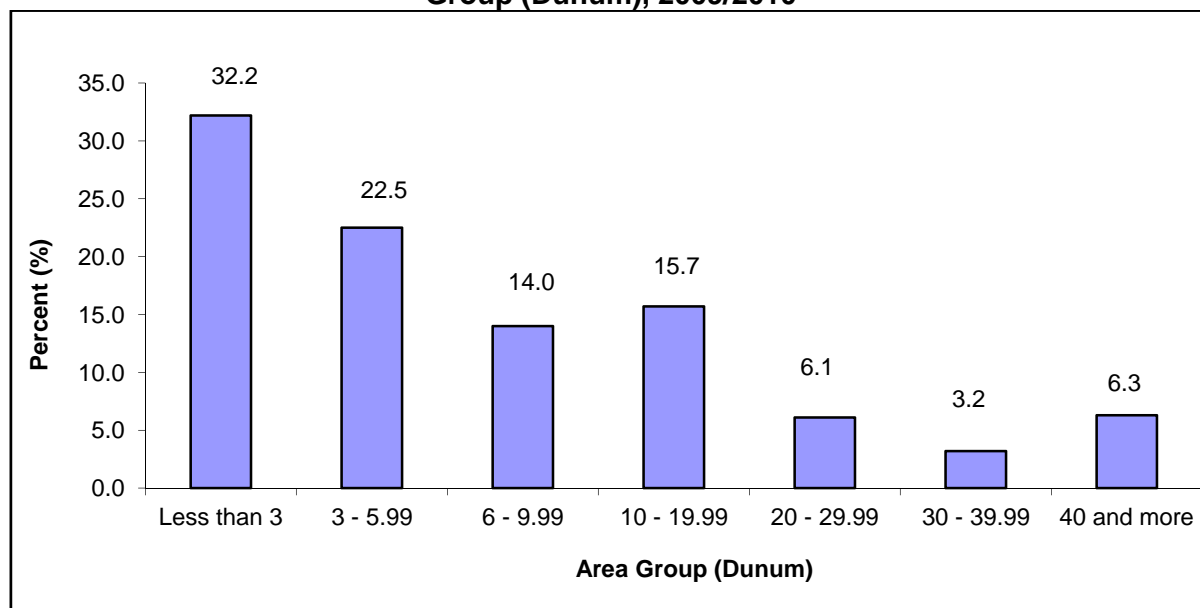


Most agricultural holdings in Tulkarm Governorate 6,945 holdings (86.4%) were held legally by an individual holder, 502 holdings (6.2%) were held by a household, and 584 (7.3%) of agricultural holdings were held by a Partnership. The majority of agricultural holdings in Tulkarm Governorate are managed by the holder: 6,639 holdings (82.6%). Household members manage 1,194 holdings (14.9%) while holdings managed by a hired manager made up 182 holdings (2.3%). There were 20 holdings (0.2%) with not stated management.

The main purpose of production of most of the agricultural holdings in Tulkarm Governorate-5,974 holdings (74.3%) was household consumption during the agricultural year 2009/2010.

According to area of land, 32.2% of agricultural holdings in Tulkarm Governorate (2,588 holdings) were classified as small (less than 3 dunums); 1,811 holdings (22.5%) were between three to 5.99 dunums in size); 1,261 holdings (15.7%) were between ten to 19.99 dunums in size and 1,121 holdings (14.0%) were between six and 9.99 dunums in size. The average size of the agricultural holding in Tulkarm Governorate was 12.25 dunums. The average size of the Plant holding was 12.07 dunums, 0.3 dunums for animal holdings and 20.83 dunums for mixed holdings.

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

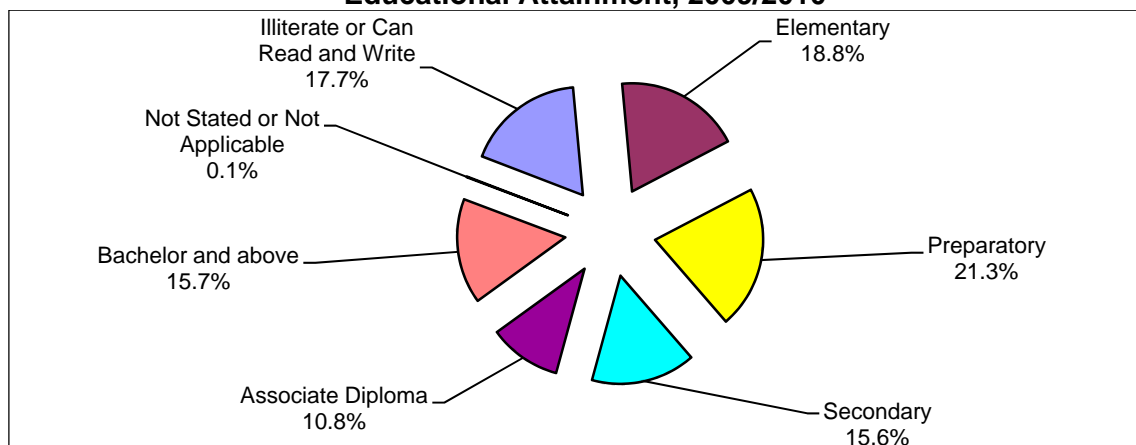


The results indicated that 6,632 of agricultural holdings in Tulkarm Governorate are owned by the agricultural holders (82.5%), while 498 (6.2%) of agricultural holdings are rented or cultivated in return for a share of the production of the holding. Males hold 6,648 (82.8%) of the agricultural holdings in Tulkarm Governorate while females hold 790 holdings (9.8%) and 589 agricultural holdings (7.3%) were held in partnership (male partnership, female partnership, or male/female partnership). In 8 agricultural holdings (0.1%) the sex of the holder was not stated or not applicable.

1.2 Agricultural Holder

There were 8,042 agricultural holders in Tulkarm Governorate: 2,427 holders (30.2%) aged 40–49 years, 1,966 holders (24.4%) aged 50–59 years, and 2,139 holders (26.6%) aged 60 years or more. For 5,677 holders (70.6%) their main occupation was not in agriculture while for 2,278 holders (28.3%) agriculture was their main occupation. In 87 agricultural holders (1.1%) the main occupation of the holder was not stated or not applicable. In terms of educational attainment, 1,711 of agricultural holders (21.3%) had completed preparatory level of education and 1,265 of holders (15.7%) had bachelor's degree or higher.

Percentage Distribution of Agricultural Holders in Tulkarm Governorate by Educational Attainment, 2009/2010



1.3 Land Use

The total area of agricultural holdings in Tulkarm Governorate as in 01/10/2010 was 98,355 dunums. Cultivated land made up 88,045 dunums (89.5%) of the total area of agricultural holdings in Tulkarm Governorate, the largest area of Cultivated land were in Beit Lid locality with 8,120 dunums (9.2%). Uncultivated land made up 10,310 dunums (10.5%) of the total area of agricultural holdings in Tulkarm Governorate. the largest area of Uncultivated land were in Beit Lid locality with 1,206 dunums (11.7%), then Kafr 'Abbush locality with (10.8%).

The cultivated land area in Tulkarm Governorate during the 2009/2010 agricultural year was 85,511 dunums. Cultivated land area was distributed as 97.1% cultivated land (temporary and permanent crops) and temporary fallow land making up 2.8%. The area with the most cultivated land was Beit Lid locality with 7,911 dunums (9.3%). Permanent meadows and pastures made up 91.6% of all uncultivated agricultural holdings in Tulkarm Governorate: buildings on holdings accounted for 3.8%, and roads, passages, pools, unroofed barns and wasteland areas accounted for 4.6% of the area of uncultivated agricultural holdings in Tulkarm Governorate.

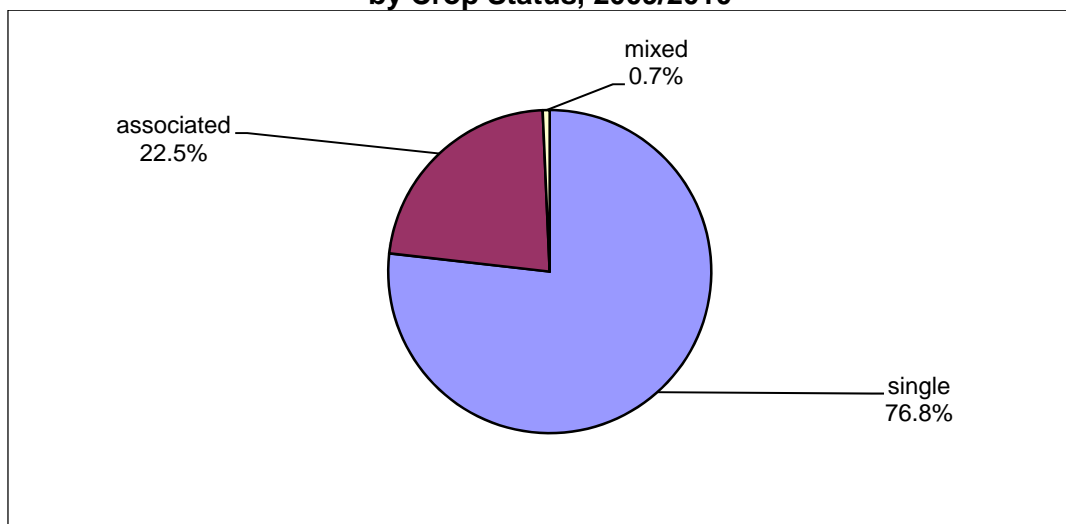
1.4 Crops

1. Field crops:

Areas cultivated with field crops totaled 3,549 dunums in Tulkarm Governorate during the 2009/2010 agricultural year: Rainfed field crops made up 2,805 dunums (79.0%) while irrigated field crops totaled 744 dunums (21.0%). The area with the most cultivated crops was Tulkarm locality with 572 dunums (16.1%).

The area of land cultivated with field crops in winter in Tulkarm Governorate was 3,367 dunums while the area cultivated with field crops in summer was 182 dunums. Single crops made up 2,726 dunums, associated crops made up 799 dunums, and mixed crops totaled 24 dunums. Harvested field crops accounted for 3,223 dunums: 90.8% of all field crops in Tulkarm Governorate.

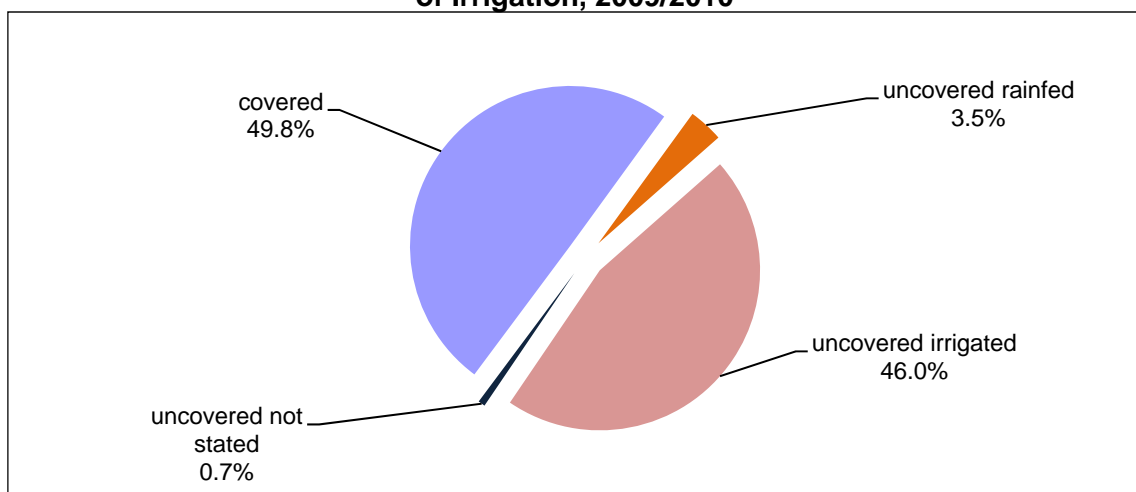
Percentage Distribution of the Cultivated Field Crops in Tulkarm Governorate by Crop Status, 2009/2010



2. Vegetable crops:

The area of land cultivated with vegetable crops was 8,475 dunums in Tulkarm Governorate during the 2009/2010 agricultural year: Uncovered rainfed vegetable crops were planted on 297 dunums (3.5%), uncovered irrigated vegetable crops on 3,900 dunums (46.0%), uncovered vegetable crops whose type of irrigation was not stated on 56 dunums (0.7%), in addition to 4,222 dunums (49.8%) of covered vegetable crops. The area with the most cultivated crops was Tulkarm locality with 1,704 dunums (20.1%).

Percentage Distribution of Vegetable Crops in Tulkarm Governorate by Type of Irrigation, 2009/2010



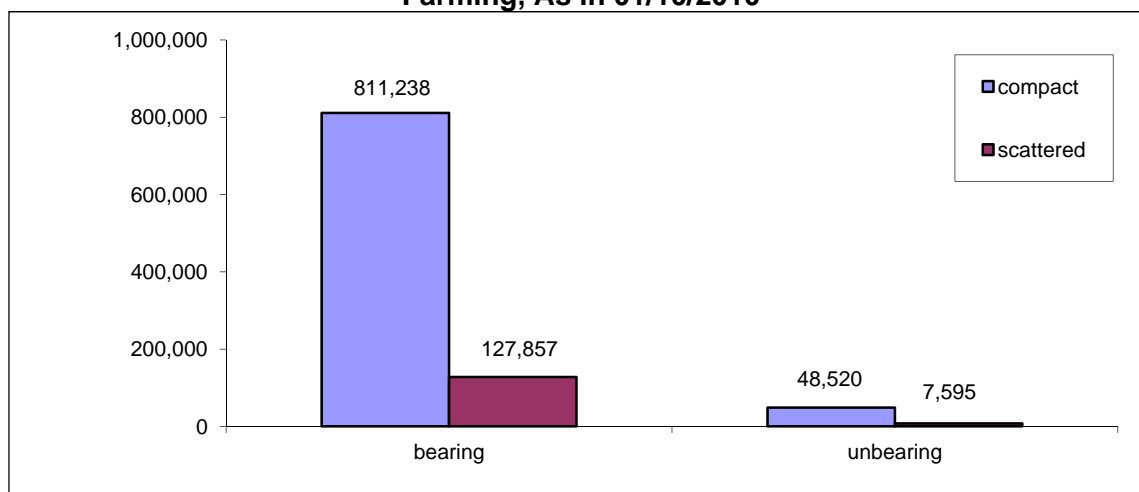
The area of land cultivated with vegetable crops in Tulkarm Governorate was 2,945 dunums in winter; 1,378 dunums in spring; 2,966 dunums in summer; and 1,170 dunums in autumn, plus 16 dunums whose planting session was unknown. The area of land planted with single vegetable crops was 7,803 dunums; mixed crops totaled 337 dunums; associated crops were 330 dunums and the method of cultivation for 5 dunums was not stated. The area of harvested vegetable crops in Tulkarm Governorate was 6,900 dunums: 81.4% of all cultivated vegetable crops.

3. Horticultural crops:

The area of land cultivated with horticultural crops was 61,718 dunums in Tulkarm Governorate. The percentage area of bearing trees was 95.4% with 4.6% of non-bearing trees. Olive trees made up 95.1% of the total area of horticultural trees in Tulkarm Governorate. Rainfed horticultural trees accounted for 95.7% of the total area of horticultural trees in Tulkarm Governorate. The results indicated that the percentage area of compact farming in Tulkarm Governorate was 87.7% with 12.3% of scattered farming. Also, 92.2% are single crops, 5.3% mixed crops, 2.5% associated crops.

There were about 995,210 horticultural trees in Tulkarm Governorate: 939,095 bearing trees and 56,115 non-bearing trees; 913,739 rainfed horticultural trees, 75,655 irrigated trees, and 5,816 was not stated type of irrigation.

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



1.5 Livestock

1. Cows:

There were 906 cows raised in Tulkarm Governorate: 288 males and 618 females. The breeds of cows in Tulkarm Governorate were 84.2% Holstein-Friesian cows; 7.3% local cows; 7.5% hybrid cows; and 1.0% other. Cows bred primarily for milk made up 81.5%, with 18.5% bred for meat. Kafr Sur locality raised the most cows (29.8%) in Tulkarm Governorate, then 29.0% in Tulkarm locality on the enumeration day, the first of October 2010.

2. Sheep:

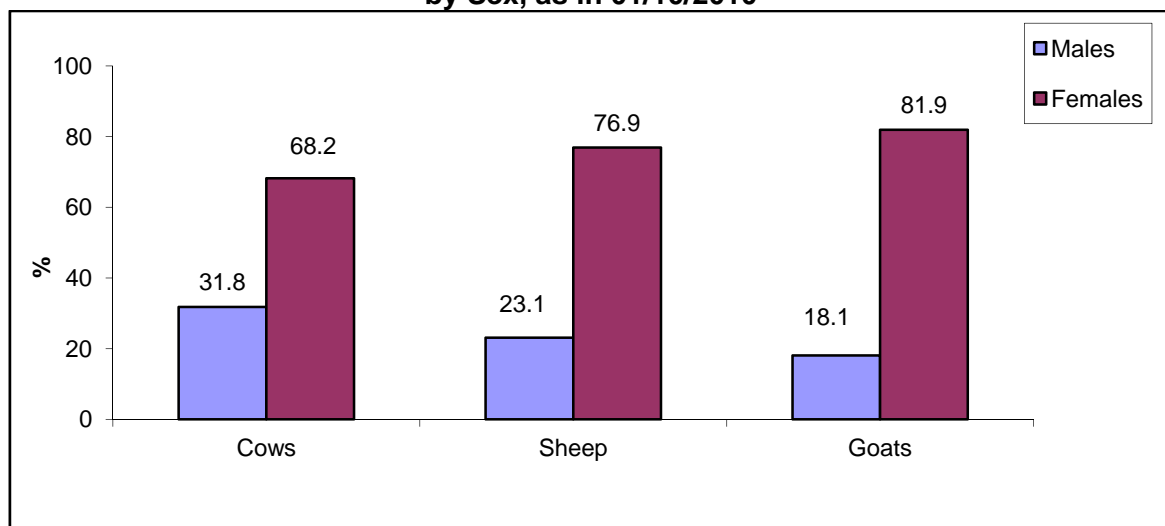
There were 16,946 sheep raised in Tulkarm Governorate: 3,911 males and 13,035 females. The breeds of sheep in Tulkarm Governorate were 19.8% local (Awassi) sheep; 72.2% (Assaf) sheep; 7.5% hybrid sheep; and 0.5% other. The percentage of sheep raised primarily for milk was 78.2%, with 21.2% raised primarily for meat and 0.6% not stated. Tulkarm locality raised the most sheep (16.2%) in Tulkarm Governorate, then 8.9% in 'Attil locality on the enumeration day, the first of October 2010.

3. Goats:

There were 2,969 goats raised in Tulkarm Governorate: 536 males and 2,433 females. The breeds of goats in Tulkarm Governorate were 55.2% local goats; 24.8% hybrid goats; 16.4%

Shami (Syrian) goats; and 3.6% other. The percentage of goats raised primarily for milk was 87.7%, with 12.0% for meat and 0.3% not stated. Tulkarm locality raised the most goats (14.6%) in Tulkarm Governorate then 9.7% in 'Akkaba locality on the enumeration day, the first of October 2010.

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



1.6 Poultry Farming

There were 27.0 thousand bird mother of broiler in Tulkarm Governorate, 334.3 thousand broilers, 212.0 thousand layers and 37.2 thousand turkeys, on the enumeration day, the first of October 2010. In the 2009/2010 agricultural year, there were 2,288.1 thousand poultry of broilers and 146.4 thousand turkeys, of which 61.1 thousand were males and 85.3 thousand females. The area size of poultry barns in Tulkarm Governorate totaled 146.8 thousand m².

1.7 Domestic Poultry

There were 660 domestic poultry birds in Tulkarm Governorate; 695 pigeons; 2 birds of domestic turkeys; 346 rabbits; and 27 birds other domestic birds on the enumeration day, the first of October 2010.

1.8 Bees

There were 3,383 beehives in Tulkarm Governorate of which 3,323 were modern beehives (98.2%) and 60 traditional beehives (1.8%) on the enumeration day, the first of October 2010.

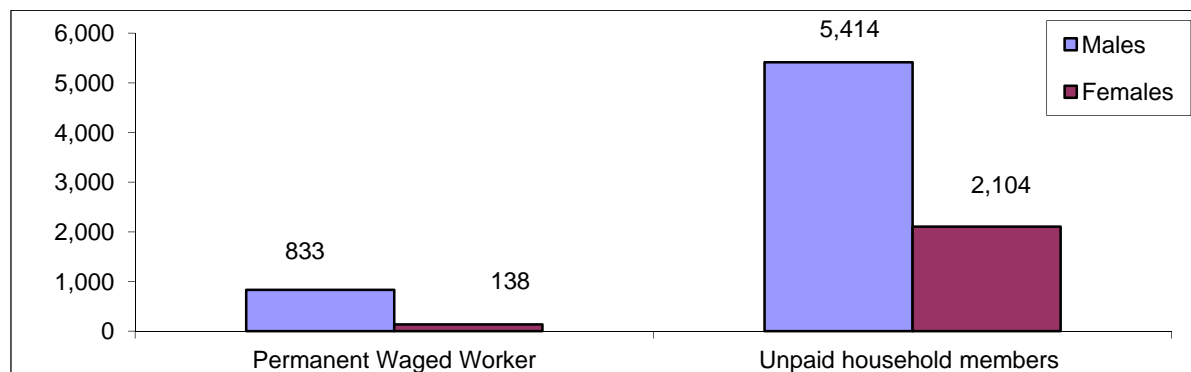
1.9 Other Animals (Equines)

The number of equines animals on agricultural holdings in Tulkarm Governorate was 119 horses, 20 mules and 1,003 donkeys on the enumeration day, the first of October 2010.

1.10 Agricultural Labor Force

The results indicated that 427 agricultural holdings in Tulkarm Governorate hired permanent waged workers, of which 43.3% hired one permanent waged worker, 50.6% hired two to five permanent waged workers, and 6.1% hired six permanent waged workers or more. The results also indicated that 58.8% of permanent waged workers on agricultural holdings were aged between 30-59 years and 86.5% of permanent waged workers were males.

Number of Permanent Waged and Unpaid Workers in Tulkarm Governorate by Sex, 2009/2010



There were 5,731 agricultural holdings in Tulkarm Governorate which hired temporary waged workers, of which 86.8% were plant holdings, 1.6% animal holdings and 11.6% mixed holdings.

1.11 Agricultural Applications

The results indicated that 71.7% of all plant and mixed holdings in Tulkarm Governorate used organic fertilizers; 36.6% used chemical fertilizers; 61.8% used agricultural pesticides; 20.4% used improved agricultural assets, and 18.4% used integrated pest management. The results indicated that 84.1% of animal and mixed holdings vaccinated animals against Epidemiological Diseases.

The results indicated that 8.1% of plant and mixed holdings received governmental agricultural services; 43.6% of animal and mixed holdings received veterinary services; 7.4% of mixed holdings received agricultural and veterinary services; and 83.4% did not receive services.

The results indicated that 32.5% of agricultural holdings in Tulkarm Governorate did not receive agricultural extension; 13.2% received agricultural extension mainly from the Ministry of Agriculture; 37.0% from farmers; 1.5% from the mass media; and 6.3% from dealers in agricultural materials.

There were 19 agricultural holdings with fish farms in Tulkarm Governorate. In addition, 1,556 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 1,105 agricultural holdings in Tulkarm Governorate, of a total Area of 24,763 dunums which equivalent to 25.2% of the total area of the agricultural holdings in Tulkarm Governorate. While on constraints level, 165 agricultural holdings are being affected by Israeli Settlements with a total area of 4,831 dunums. 576 agricultural holdings are also being affected by Israeli Expansion and Annexation Wall with a total area of 8,693 dunums, 17 agricultural holdings are affected by declared “ a closed Israeli Military Areas” with a total area of 195 dunums, 31 agricultural holdings are being affected by Israeli Military Barriers and Check points with a total area of 925 dunums, and 316 agricultural holdings are being affected by more than one of Israeli measures with a total area of 10,119 dunums.

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 2009/2010 in Tulkarm Governorate

Indicator	Percent (%)
Source of irrigation for parcel	1.0
Land tenure for parcel	4.4
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	0.1
Status of crop for vegetable crops	0.0
Method of irrigation for open vegetable crops	1.4
Type of protection for protected vegetable crops	0.2
Method of irrigation for protected vegetable crops	0.7
Method of farming for horticulture trees	0.0
Status of crop for horticulture trees	0.0
Method of irrigation for bearing horticulture trees	0.6
Method of irrigation for non-bearing horticulture trees	1.0
Type of production system for cattle, sheep, and goat	5.9
Main purpose of production for cattle, sheep, and goat	0.6

Chapter Three

Concepts and Definitions

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

Governorate:

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

Locality:

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

Agricultural Census:

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

Agricultural Holding:

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

Plant Holding:

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

Animal Holding:

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

Mixed Holding:

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

Agricultural Holder:

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

Legal Status of Agricultural Holder:

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

Management Method of the Agricultural Holding:

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

Hired Manager:

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

Household:

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

Head of Household:

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

Land Tenure:

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

Reference Date:

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

A Parcel:

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

Main Purpose of Production of the Holding:

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

Age of the Holder in Completed Years:

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

Educational Attainment:

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

Specialization:

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

Unused and Undeveloped Potentially Productive Land:

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

Land Under Permanent Pastures and Meadows:

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

Permanent Agricultural Workers:

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

Occasional Agricultural Workers:

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

Unpaid Family Member:

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

Main Occupation:

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

Holding Area:

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

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

Area under Permanent Crops:

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

Nurseries:

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

Cropped Land Under Protective Cover:

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

French Tunnels:

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

Surface Tunnels:

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

Cultivated Woodland:

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

Single Crop:

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

Associated Crops:

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

Mixed Crops:

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

Compact Plantation:

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

Scattered Plantation:

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

Agricultural Year:

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

Planting Session for Field Crops:

The period during which field crops are cultivated.

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

Planting Session for Vegetables:

The period during which vegetable crops are cultivated:

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

Field Crops

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

Vegetables

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

Permanent Crops (including trees horticulture)

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

Permanent Crops (related to age production - fruit)

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

Unbearing trees horticulture:

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

Rainfed Agricultural Land:

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

Irrigated Area:

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

Area Harvested

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

Main Source of Water:

1. Public Water Network: A network of pipes for the purpose of providing clean water to households. It normally belongs to a municipality, the council, or to a private company.

2. Israeli Mekorot company: A network of pipes for the purpose of providing clean water to households. It normally belongs to the Israeli Mekorot company.

3. Collection Water Wells: Wells that are dug in the ground for the purpose of collecting rain water.

4. Springs: Water that is discharged from the ground at an intersection point between the topographic surface and the groundwater table. It could be permanent or seasonal and is considered as one of the natural resources for irrigation.

5. Water Tanks: Using water from vehicles that distribute and transfer water.

6. Others: If the source of water was not mentioned above.

Surface Irrigation:

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

Drip Irrigation:

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

Sprinkler Irrigation:

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

Livestock:

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

Strain:

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

Type of Livestock Production System:

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

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

Poultry:

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

Maximum Capacity for Production:

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

Barns:

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

Number of Cycles in the Barns:

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

Broiler Cycles:

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

Mothers of Broilers:

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

Layers:

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

Household Poultry:

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

Main Purpose for Raising Animal:

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

Hatchery:

Special machines for the hatching of poultry eggs.

Modern Beehives:

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

Local Beehives:

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

Machinery and Equipment:

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

Source of the Machinery/ Equipment:

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

Improved Asset:

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

Chemical Fertilizer:

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

Organic Fertilizers:

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

Pesticides:

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

Integrated Pest Management:

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

Epidemiological Diseases:

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

Source of Agricultural Extension:

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