

# Agriculture Interventions in the Gaza Strip: 1 January – 15 July 2010

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*All data presented in this brief was extracted from APIS, the Agricultural Projects Information System ([www.apis.ps](http://www.apis.ps)), which is managed by the Ministry of Agriculture with technical support from the UN Food and Agriculture Organization and supported by the Spanish Cooperation. A campaign among APIS members was conducted in preparation of the CAP 2011 process to encourage uploading and updating of project information in the database by implementing partners. During the campaign (7 Jun-15 Jul 2010), 133 new projects and 699 new activities (i.e. – land reclamation) were uploaded to APIS. In addition, members revised 260 activities. The positive results of the campaign have allowed the APIS Team to analyze the information to support the Agriculture Sector in identifying achievements and gaps in the response according to the humanitarian plan under the CAP. The aim of APIS is to assist in planning sector-wide policies and strategies, and in combating the most challenging issues for agricultural communities in the West Bank and Gaza Strip. The APIS Team thanks the sector partners for their continued support.*

*Disclaimer: The information provided in this document reflects the data uploaded voluntarily into APIS by members. The report provides a detailed snapshot rather than a census of interventions during the reporting period. There remains a necessity for a more constant and precise uploading process by all the stakeholders in order to improve the sector approach to humanitarian needs. The data provided are not warranted to be error free nor do they necessarily imply official endorsement or acceptance by the United Nations.*

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For more information: Dr. Ahmed Shwaika, [ahshw2002@yahoo.com](mailto:ahshw2002@yahoo.com), Sarah Leppert, [sarah.leppert@fao.org](mailto:sarah.leppert@fao.org)



**Table 1: Number of interventions by subsector and district**

APIS Subsectors	North Gaza	Gaza	Deir al Balah	Khan Yunis	Rafah	Gaza Strip (district unspecified)	Total
Extension and farmers capacity building	1	0	0	1	1	12	15
Financial services	0	0	0	0	0	0	0
Home gardening	0	4	0	1	0	4	9
Infrastructure	0	0	1	0	0	2	3
Institutional building	0	0	0	0	0	0	0
Job creation	0	1	2	2	2	3	10
Land use	0	0	0	0	0	8	8
Livestock production	0	5	4	8	3	17	37
Machinery and equipments	0	0	0	1	1	0	2
Marketing	0	0	0	0	0	3	3
Plant production and irrigation	0	0	1	1	1	23	26
Private sector development	0	0	0	0	0	0	0
Research, assessment and planning studies	0	0	0	0	0	0	0
Water resources	1	1	1	2	2	9	16
<b>Total</b>	<b>2</b>	<b>11</b>	<b>9</b>	<b>16</b>	<b>10</b>	<b>81</b>	<b>129</b>

Table 1 provides an overview of the 129 interventions implemented in the first half of 2010. The 129 interventions were part of 33 projects implemented by 10 agencies and their several co-implanting partners and executing agencies (see Table 3 for a list of projects). The project information is divided into 14 subsectors (i.e. – infrastructure); and each subsector has corresponding activities (i.e. – land reclamation is an infrastructure activity). After choosing subsector and activity, implementing agencies then identify the district and locality in which each activity is executed.

According to information uploaded into APIS by members, the majority of interventions (81) in 2010 took place throughout the Gaza Strip and do not have a district specified in APIS. One-third of interventions

supported livestock production, closely followed by plant production and irrigation at 20 percent. Critically under-funded subsectors include financial services, private sector development, institutional building, machinery and equipments, and research, assessment and planning studies. These same five subsectors were under-funded in 2009. The most neglected district in the Gaza Strip, according to the information in APIS, is North Gaza with only 2 interventions so far in 2010. Under-funding should be examined carefully with the needs and response plan in the CAP to determine if future funding is required.

The following provides a brief analysis of each subsector to prompt discussion:

**Financial service; private sector development:** They are priorities however they suffer tremendous constraints due to restrictions imposed on the Gaza Strip.

**Research, assessment and planning studies:** Is there a need for a comprehensive assessment on a regional/district level?

**Infrastructure; machinery and equipments:** The low number of intervention in these subsectors is related to the strict restrictions on specific types of materials for entering the Gaza Strip.

**Extension and farmers capacity building:** This subsector can easily be carried on. Needs are related strictly to the main activities of a given project (e.g. – livestock project will have training activities on animal husbandry, dairy products, etc.).

**Water resources:** Needs are high but implementation is difficult because of the restriction on material inputs.

**Land use; plant production and irrigation; home gardening:** The immediate impact of these interventions on food security is one main reason they total one-third of all interventions.

**Livestock production:** It seems to be the most needy subsector. Is there any particular reason for that? Maybe the Bedouins are the most vulnerable people in Gaza for social and geographical (proximity to the buffer zone) reasons.

**Job creation:** Unemployment is a dramatic issue in the Gaza Strip and can be expanded.

Table 2 below provides extensive detail into the activities per unit implemented in each district in the Gaza Strip. For example, 25,000 heads of livestock received vaccines in the Gaza Strip (Activity 6j). The table also outlines the total sex-disaggregated beneficiaries per activity. For the same activity (6j), the livelihoods of 400 males and 130 females benefitted from improved health for their livestock in the first half of 2010. Compared to the CAP Agriculture Sector Response Plan, this highlights an achievement under the first objective, to ‘deliver quick relief to vulnerable farmers, herders, animal breeders and fisher folk (including those affected by the Cast Lead military operation in Gaza Strip) to enable them to restart jeopardized agricultural cycles for one year’. This is one example of how the information in APIS can be used to identify achievements – on the other hand, it can pinpoint gaps in the response. Under Activity 6i, only 439 small ruminants were delivered to 148 men and 91 women this year in Gaza, Deir al Balah and Khan Yunis and other areas of Gaza Strip.

**Table 2: Activities per district with beneficiary numbers and total units**

Subsectors and corresponding activities		Unit	Number of units per district						Total Units	Beneficiaries per activity			
			North Gaza	Gaza	Deir al Balah	Khan Yunis	Rafah	Gaza Strip (unspecified district)		Male	Female	Total	
<b>Subsector</b>	<b>1</b>	<b>Extension and farmers capacity building</b>											
Activity	1a	Farmer to Farmer Training	Cooperatives			0			8	8	n/a	n/a	n/a
	1b	Plant production and protection, extension visits	Number of extension visits						100	100	n/a	n/a	n/a
	1c	Training sessions, irrigation, water management	Number of training sessions						34	34	n/a	n/a	n/a
	1d	Training sessions, livestock health	Number of training sessions	4			2	2	0	8	250	36	286
	1e	Training sessions, livestock production	Number of training sessions						74	74	1060	615	1675
	1f	Training sessions, plant production and protection	Number of training sessions						26	26	n/a	n/a	n/a
<b>Subsector</b>	<b>2</b>	<b>Home Gardening</b>											

Activity	2a	Inputs distribution for cottage industries	Meters						50	50	n/a	n/a	n/a
	2b	Inputs distribution for home gardens	Households		165		10		228	403	165	60	225
<b>Subsector</b>	<b>3</b>	<b>Infrastructure</b>											
Activity	3a	Asphalt road rehabilitation	Length of rehabilitated roads in Km						8	8	n/a	n/a	n/a
	3b	Base Coarse Road rehabilitation	Length of rehabilitated roads in Km			1			30	31	902	20	922
<b>Subsector</b>	<b>4</b>	<b>Job Creation</b>											
Activity	4a	Unemployed workers/farmers	Number of working days		20700	9545	35480	33470	988	100183 (70690 OGB)	3164	472	3636
<b>Subsector</b>	<b>5</b>	<b>Land Use</b>											
Activity	5a	Land reclamation / rehabilitation	Dunum						9950	9950 (CARE, PARC, ICRC, ACPP)	2766	724	3490
<b>Subsector</b>	<b>6</b>	<b>Livestock Production</b>											

Activity	6a	Animal feed (Grains Hay Concentrates)	Number of provided tons			200		180	176	1028	1584	732	259	991
	6b	Aquaculture: Supply of inputs (oxygen, PH meter, ammonium kits, etc)	Number of provided inputs					50			50	23	2	25
	6c	Barracks rehab (animal shelter, cages)	Number of rehabilitated Barracks							222	222	400	130	530
	6d	Hormone sponge	Number of treated heads					1800			1800 (CRIC)	112	26	138
	6e	Pests and diseases analyses and control	Number of controlled heads							20000	20000 (CRIC)			0
	6f	Supply of Beehives	Number of provided beehives							450	450	225	225	450
	6g	Supply of Poultry	Number of provided birds			40				60580 (60000 CARE)	60620	90	90	180
	6h	Supply of rabbits	Head		375	1540	1461	1500		562	5438	627	839	1466
	6i	Supply of Small ruminants	number of provided sheep &/or Goats heads		49	40	35			315	439	148	91	239
	6j	Vaccines	Number of treated		5000					20000	25000 (CRIC)	400	130	530

			heads											
<b>Subsector</b>	<b>7</b>	<b>Machinery &amp; Equipments</b>												
Activity	7a	Laboratory equipments	Number of laboratories equipped				5	4			9	n/a	n/a	n/a
<b>Subsector</b>	<b>8</b>	<b>Plant Production &amp; Irrigation</b>												
Activity	8a	Agricultural Station Establishment	Number of stations						1		1	n/a	n/a	n/a
<b>Subsector</b>	<b>8</b>	<b>Plant Production &amp; Irrigation</b>												
	8b	Drip irrigation networks	Dunum				10		3840	3850 (3400 ICRC)	616	6	622	
	8c	Greenhouses construction	Dunum						10	10	20	n/a	20	
	8d	Greenhouses rehabilitation	Dunum						760	760	2200	2200	4400	
	8e	Irrigation Scheduling	Dunum						135	135	400	130	530	
	8f	Land management: Fertilizers, compost and manure	Dunum						340	340	90	10	100	
	8g	Land management: Plowing; Weeding	Dunum				44			44	44	n/a	44	

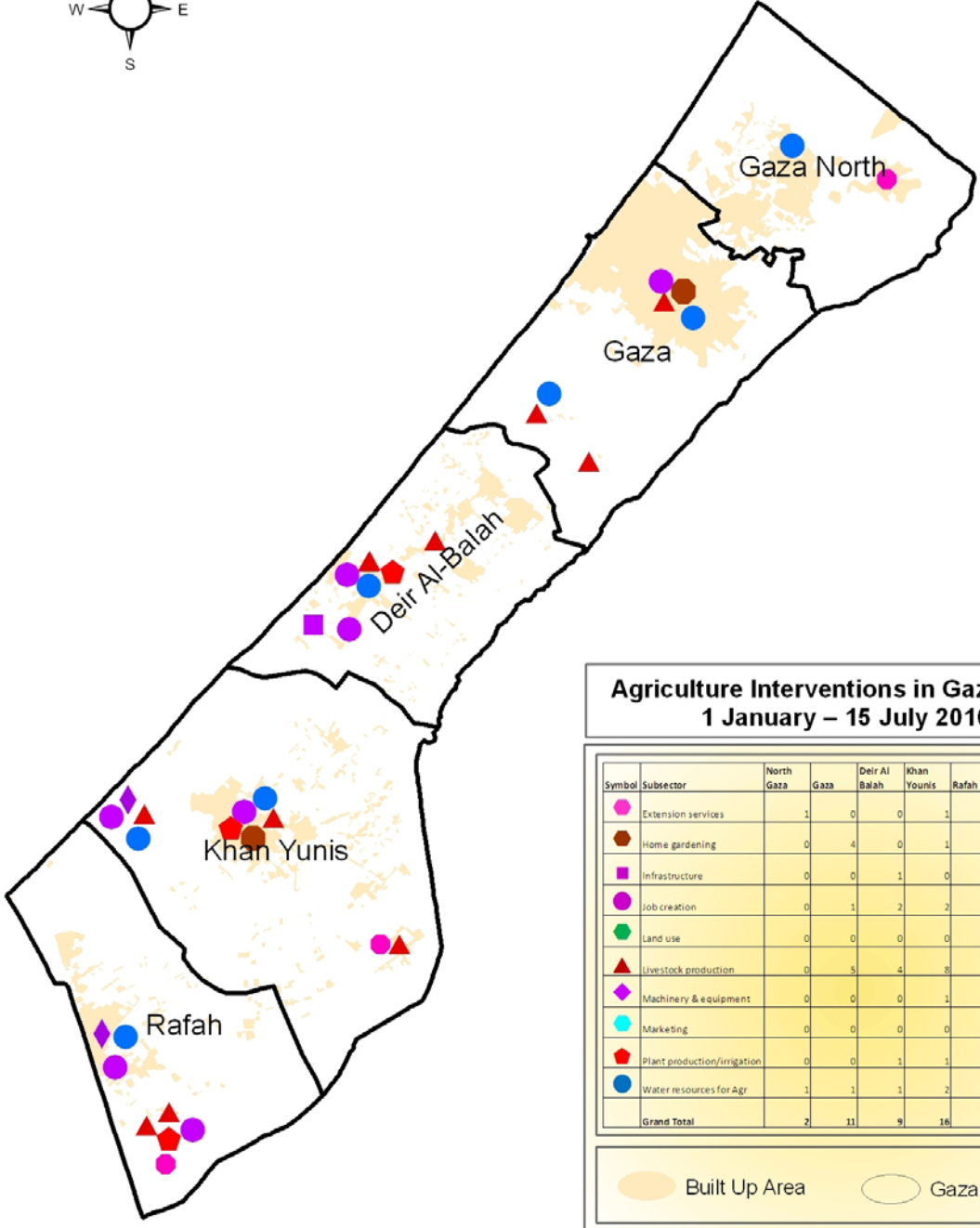
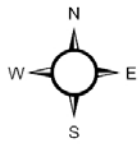
	8h	Supply of Planting Materials: Trees	Dunum						4925	4925 (3400 ICRC; 1000 CARE)	1170	500	1670
	8i	Supply of Planting Materials: Vegetable Seedlings	Dunum				404		200	604	1141	1022	2163
	8j	Supply of Seeds	Dunum						1000	1000 (CARE)	500	500	1000
<b>Subsector</b>	<b>9</b>	<b>Water Resources</b>											
Activity	9a	Water ponds construction	Number of constructed ponds				35 (FAO)	30 (FAO)	55 (ACPP)	120	78	52	130
	9b	Wells rehabilitation	Number of rehabilitated wells	6 (IRPAL)	2 (IRPAL)	21 (JCP)	5 (IRPAL)	1 (IRPAL)	23 (ACPP/FAO)	58	707	630	1337
<b>Subsector</b>	<b>10</b>	<b>Marketing</b>											
Activity	10a	Local Marketing	Number of Farmers						2790	2790 (ACPP, CARE)	1365	1365	2730

Table 3 identifies the projects that were analyzed above, and includes projects in APIS that contain adequate detail to enhance accuracy. The information provided in this document reflects the data uploaded voluntarily into APIS by members. The report provides a detailed snapshot rather than a census of interventions during the reporting period. There remains a necessity for a more constant and precise uploading process by all the stakeholders in order to improve the sector approach to humanitarian needs.

Table 3: Projects Analyzed		
Agency	Project Title	Donor(s)
ACF	Emergency cash-for-work for vulnerable households in the West Bank and Gaza Strip	European Commission
	Food security support for vulnerable households in Gaza Strip through backyard animal production	European Commission
ACPP	Emergency support to reduce food insecurity among the population of Beit Lahia, Gaza Strip following Operation Cast Lead	Spanish Cooperation
	Improving access to water for ensuring the availability of local agricultural products to 4512 people in the town of Beit Lahia, Palestinian Occupied Territories	n/a
	Improving food security conditions of the town of Beit Lahia in the Gaza Strip, Occupied Palestinian Territories	n/a
	Improving the economic and food security conditions of 649 inhabitants of the rural population of Abssan Aljadeeda, Gaza Strip.	n/a
	Improving the food security and economic conditions of 301 people (30 households) from the rural population of Alshoka, Gaza Strip, after the military incursion	n/a
	Improving the food security and economic conditions of the rural population in the northern Gaza Strip affected by the Israeli military intervention Operation Cast Lead in the Gaza Strip	n/a
	Improving the food security conditions and access to water for agricultural use of 469 beneficiaries affected by the Israeli military operation Cast Lead in Khuzaa, Gaza Strip	n/a
	Improving the food security standards and access to water for agriculture of 5539 inhabitants (2.773 men and 2.763 women) from the town of Alfukaree in the Gaza Strip	n/a

	Sustainable management of natural resources in the Middle East through renewable energy, protection of water resources and improving marketing with a 30% component of humanitarian aid	Spanish Cooperation
	Sustainable management of natural resources in the Middle East through renewable energy, protection of water resources and improving the marketing	Spanish Cooperation
ASDPD	Improvement of date palm sector to contribute of the job creation	Norwegian People's AID
CARE	Quick Impact Agricultural Livelihood Recovery	CIDA
	Reducing Food Insecurity through Fresh Food Assistance and Agricultural Inputs to Vulnerable Households in the Gaza Strip	European Commission
	Supporting Early Recovery of Agricultural Livelihoods in Gaza	USAID
CRIC	Improving living conditions of Bedouin herder's households in Gaza Strip.	European Commission
	Support Bedouin community of Maslakh	European Commission
FAO	Emergency Support to Needy Fishermen in the Gaza Strip to Restore their Fishing Activities	Italian Cooperation
	Emergency support to small ruminant farmers in the West Bank and Gaza Strip to maintain productivity of flocks	CIDA
	Emergency support to vulnerable farmers in the West Bank and Gaza Strip to maintain and protect their livelihoods through horticulture production	Spanish Cooperation
	Immediate interventions to assist the general early recovery of the agricultural sector in the Gaza Strip and to restore the livelihoods and food production of vulnerable and conflict affected rural households	Qatar Charity
	Emergency support to small ruminant herders and vulnerable farming households in the West Bank and Gaza Strip	Italian Cooperation
ICRC	PARTIAL LAND REHABILITATION PROGRAM 2010	n/a
	Rehabilitation of destroyed land through Bio farming	n/a
	Rehabilitation of agricultural roads in Al Maghazi phase2	n/a
	Waste water re-use in agriculture - Northern Gaza & Khan Younis	n/a
IRPAL	Rehabilitation of Agricultural Water Wells	IRPAL

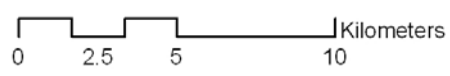
JCP	Food Security and Job Creation in the Gaza Strip - ( Balear 5 )	Spanish Cooperation
OGB	Cash for work scheme in support of vulnerable and conflict affected families in Gaza	ECTAO
	Enhancing marginalized people's food security in the Occupied Palestinian Territory.	ECTAO
	Supporting war affected vulnerable people in the Gaza Strip	DFID
	Supporting vulnerable households in the Occupied Palestinian Territory.	European Union



**Agriculture Interventions in Gaza Strip:  
1 January – 15 July 2010**

Symbol	Subsector	North Gaza	Gaza	Deir Al Balah	Khan Yunis	Rafah	Gaza Strip (Unspecified)	Total
●	Extension services	1	0	0	1	1	3	15
●	Home gardening	0	4	0	1	0	4	9
■	Infrastructure	0	0	1	0	0	2	3
●	Job creation	0	1	2	2	2	3	10
●	Land use	0	0	0	0	0	8	8
▲	Livestock production	0	5	4	8	3	17	37
◆	Machinery & equipment	0	0	0	1	1	0	2
●	Marketing	0	0	0	0	0	3	3
▲	Plant production/irrigation	0	0	1	1	1	23	26
●	Water resources for Agr	1	1	1	2	2	9	16
	<b>Grand Total</b>	<b>2</b>	<b>11</b>	<b>9</b>	<b>16</b>	<b>10</b>	<b>81</b>	<b>129</b>

 Built Up Area     
  Gaza Strip



The Agricultural Projects Information System "APIS", is managed by MoA - Ramallah and FAO supported by the Spanish Cooperation . For more information, please contact Dr. Ahmed Shweikeh-MoA (ahshw2002@yahoo.com) or Sarah Leppert (sarah.leppert@fao.org)  
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