Palestinian Central Bureau of Statistics (PCBS)

Ministry of Agriculture (MoA)

State of Palestine

التعداد الزراعي
Agriculture Census
2021

Agriculture Census Questionnaire 2021

Part one: Identification Data

01	**Governorate……**	**A01**	**Holding serial number in the household (Auto filled)** ☐☐
	Governorate code ☐☐	**A02**	**Governorate holding……**
02	**Locality name……**		**Governorate holding code** ☐☐
	Locality code ☐☐☐☐☐☐	**A03**	**Holder serial number in the household**
03	**Enumeration area number** ☐☐☐	**A04**	**Holder's full name……**
05	**Building number in enumeration area** ☐☐☐	**A05**	**Holder's ID number** ☐☐☐☐☐☐☐☐☐☐
10	**Housing unit number** ☐☐☐	**A06**	**Holder's phone number** ☐☐☐☐☐☐☐☐☐☐
		A07	**Relation of the respondent to the holder?*** ☐
		A08	**Respondent's name**
		A09	**Respondent's phone number** ☐☐☐☐☐☐☐☐☐☐

The relation of the respondent to the holder:
1. Holder himself 2. Holder's partner 3. Member of the holder's household 4.One of the employees in the holding

Part two: Holder's Data

B01	**Legal status of the holder** 1. An individual 2. Partnership 3. Household 4.Company 5. Government 6. Cooperative society/charity society 7. Other **If answer is (1,3) skip to B03.** **If answer is (2) skip to B02** **If answer is (4-7) skip to B09**	☐	**B08**	**Did the agricultural holder received an agricultural training/education?** 1. Tertiary education in agriculture- post secondary education 2. Secondary education in agricultural - agricultural Tawjihi 3. Non-formal education in agriculture –provided by specialized institution in agriculture 4. informal education in agriculture – practical 5. Did not receive any agricultural training/education	☐
B02	(a) Name of the joint holder …… (b) Sex of the joint holder 1. Male 2. Female ☐ (c) joint holder phone number ☐☐☐☐☐☐☐☐☐☐☐ (d) Locality of the joint holder ……				
B03	**Relationship of the holder to the household head** 1.Head of the household 2.Husband/wife 3.Daughter/Son 4. Father/Mother 5. Brother/Sister 6.Grandfather/Grandmother 7.Grandson/Granddaughter 8.Son/Daughter in law 9. Other relatives 10. Other	☐	**B09**	**Holding Manager** 1. Holder himself 2. Hired manager 3. Member of the holder's household <u>if answer is (1 or 3) skip to B12</u>	☐
B04	**Number of holder's household members including the holder Total (Auto filled)**	☐☐	**B10**	**Sex of Hired manager** 1. Male 2. Female	☐
B05	**Number of males**	☐☐	**B11**	**Age of hired manager**	☐☐
B06	**Number of females**	☐☐	**B12**	**is the holder know about the national agricultural register in MoA?** 1. Yes 2. No 3.dont know	☐
B07	**Is the holder a member in cooperative societies or agricultural unions?** 1. Yes 2. No				☐

Part Three: Agricultural Holding's Data during the agricultural year 01/10/2020 to 30/09/2021.

C01	**Type of holding** 1.Plant 2. Livestock 3. Mixed	☐
C02	**Main purpose of the production of the holding** 1. Only for sale 2. Mainly for sale with some own consumption 3. Mainly for own consumption with some sale 4. Only for own consumption	☐
C03	**Main source of agricultural extension** : 1. Ministry of Agriculture 2. Agricultural NGOs 3. Media 4. Input agencies 5. Other farmers 6. Institutions and international bodies 7. Private Sector (Veterinary, Agricultural expert) 8. Social media 9. University 10. Other/ specify…… 11. Doesn't receive extension	☐
C04	**Presence of aquaculture in the holding?** 1. Yes 2. No	☐
C05	**Main Source of Electricity** 1. Public network 2. Special Generator 3. Photovoltaic(pv) 4. Other/ specify …….. 5. Non	☐
C06	**Proportion of income from holding's agricultural production in household's total income** 1. Less than a quarter (25%) 2. A quarter to less than half (25%-49%) 3. a half to less than 75% (50%-75%) 4. 75% to less than all (75%-99%) 5. All income (100%) (answer this question if B01 answer range (1-3))	☐
C07	**Are there any encounter obstacles that limit the utilization of any pieces of agricultural holdings?** 1. Yes 2. No 1.Expansion and annexation wall ☐ 2. Israeli settlement ☐ 3. Closed Israeli military areas ☐ 4.Military barriers ☐ 5. Wild pigs released by settlers ☐ 6. Other Israeli measures ☐ 7. separation zone (Gaza Strip) ☐	

Part Four Land Use

Fill the area in dunum and decimals for every parcel of the agricultural holding, as in the enumeration day on 01/10/2021

Number of basins within the Land authority records	Number of parcel	Serial number of parcel	Parcel Address		Total area of parcel	Area used for aquaculture	Cultivated Area						Uncultivated Area											Plastic House		French Tunnel		Main Source of water[2]	Land Tenure[3]
			Locality	Locality code			Total	Area of land under temporary crops	Area of land under temporary meadows and pastures	Area of land under temporarily fallow	Area of land under permanent crops	Area of land under permanent meadows and pastures	Total	Buildings used for agriculture holding purposes								Forest and wooded land	Other areas[1]	Number	Area	Number	Area		
														For raising livestock		For raising poultry		For storage of agricultural products		For mixed purposes									
														Number	Area	Number	Area	Number	Area	Number	Area								
D01	**D02**	**D03**	**D04**		**D05**	**D06**	**D07**	**D08**	**D09**	**D10**	**D11**	**D12**	**D13**	**D14**	**D15**	**D16**	**D17**	**D18**	**D19**	**D20**	**D21**	**D22**	**D23**	**D24**	**D25**	**D26**	**D27**	**D28**	**D29**
																												☐	☐
																												☐	☐
																												☐	☐
																												☐	☐
																												☐	☐
																												☐	☐
																												☐	☐
																												☐	☐
																												☐	☐
Total																													

(1): Other Area : Non-farm buildings, Parks and ornamental gardens, Open spaces needed for storing equipment and products, Wasteland: land under water not used for aquaculture, Any other areas not reported under previous classes (such as marshlands, wetlands, etc)

(2): Main Source of water: 1. Rainfed 2. Artesian Wells 3. Streams and Valleys 4. Dug Well 5. Tanks, Ponds and Wells 6. Springs 7. Public Network 8. Tanks 9. Treatment Water 10. Other Sources

(3): Land Tenure: 1. Owned or Owned Like Possession 2. Rented for an agreed sum of money 3. Rented for an agreed sum of produce 4. Held under a tribal or traditional form 5. Governmental or Waqf land

Part five: Crops/ Field crops

Answer this part if C01 answer (1 or 3), if answer is (2) skip to part six question H01

E01: Did you cultivate field crops in the holding during 01/10/2020 – 30/09/2021 ? **1.Yes** **2. No. (skip to F01)** ☐

Fill the name and area of crop for each parcel

Serial number of parcel	**Name of crop**	**Code of crop**	**Type of irrigation** 1 Rainfed 2. Surface 3. Drip 4. Sprinklers	**Cropping season** 1. Winter 2. Summer	**Status of crop** 1. Single 2. Associated 3. Mixed	**Cultivated Area**	**Harvested area**
E02	**E03**		**E04**	**E05**	**E06**	**E07**	**E08**
			☐	☐	☐		
			☐	☐	☐		
			☐	☐	☐		
			☐	☐	☐		
			☐	☐	☐		
			☐	☐	☐		
			☐	☐	☐		
			☐	☐	☐		
			☐	☐	☐		
			☐	☐	☐		
			☐	☐	☐		
			☐	☐	☐		
			☐	☐	☐		
			☐	☐	☐		
Total							

(Cont.) Part Five: Crops/ Open and protected Vegetables:

F01 Did you cultivate vegetables in the holding during 01/10/2020 – 30/09/2021? **1. Yes** **2. No. (skip to G01)** ☐

Fill the name and area of crop for each parcel

Serial number of parcel	**Name of crop**	**Code of crop**	**Type of protection** 1.Open 2. Surface tunnel 3. French tunnel 4. Plastic house	**Cropping season** 1. Winter 2. Spring 3. Summer 4. Autumn	**Status of crop** 1. Single 2.Associated 3.Mixed	**Type of irrigation** 1. Rainfed 2. Surface 3. Drip 4. Sprinklers	**Cultivated area**	**Harvested area**
F02	**F03**		**F04**	**F05**	**F06**	**F07**	**F08**	**F09**
			☐	☐	☐	☐		
			☐	☐	☐	☐		
			☐	☐	☐	☐		
			☐	☐	☐	☐		
			☐	☐	☐	☐		
			☐	☐	☐	☐		
			☐	☐	☐	☐		
			☐	☐	☐	☐		
			☐	☐	☐	☐		
Total								

(Cont.) Part Five: Crops /Horticulture Trees

G01. Did you cultivate horticulture trees in the holding? 1.Yes 2. No. (skip to part six H01 if C01 answer is (3. mixed), and to M01 if C01 answer is (1. Plant)

Fill the name, area in dunum, and number of productive and non-productive horticulture trees, as in 01/10/2021

Serial number of parcel	**Name of crop**	**Code of crop**	**Status of fruiting** 1. productive 2.non-productive	**Type of protection** 1. Protected 2. open	**Method of farming** 1. compact 2. scattered	**Status of crop** 1. Single 2. Associated 3. Mixed	**Type of irrigation** 1.Rainfed 2.Surface 3.Drip 4.Sprinkler	**Cultivated area**	**Number of trees**
G02	**G03**		**G04**	**G05**	**G06**	**G07**	**G08**	**G09**	**G10**
			☐	☐	☐	☐	☐		
			☐	☐	☐	☐	☐		
			☐	☐	☐	☐	☐		
			☐	☐	☐	☐	☐		
			☐	☐	☐	☐	☐		
Total									

Part six :Livestock / cattle and camels

Strain	Code	Did you have cattle or camels as in 01/10/2021 ? 1. Yes 2. No	Serial number of parcel	Address		System of raising: 1. intensive 2. Semi-intensive	Number by sex and age group as in 01/10/2021								The main purpose of raising: 1. Only for milk 2.Mainly for milk with some meat 3. Only for meat 4. Mainly for meat with some milk
				Locality	Locality code		Total		Less than 1 year		(1-2) year		More than 2 years		
							Male	Female	Male	Female	Male	Female	Male	Female	
H01		H02	H03	H04		H05	H06	H07	H08	H09	H10	H11	H12	H13	H14
Local	11101	☐		Auto filled		☐									☐
Friesian	11102	☐		Auto filled		☐									☐
Hybrid	11103	☐		Auto filled		☐									☐
Other	11104	☐		Auto filled		☐									☐
Total															
Camels	52101	☐		Auto filled											

(Cont.) Part six: Livestock sheep and goat

Type and Strain	Code	Did you have sheep/ goat as in 01/10/2021? 1. Yes 2. No	Serial number of parcel	Address		System of raising: 1.Intensive 2.Semi-intensive	Number by sex and age as in 01/10/2021						The main purpose of Raising: 1. Only for milk 2.Mainly for milk with some meat 3. Only for meat 4.Mainly for meat with some milk
				Locality	Locality code		Total		Less than one year		More than 1 year		
							Male	Female	Male	Female	Male	Female	
I01		I02	I03	I04		I05	I06	I07	I08	I09	I10	I11	I12
Local	21101	☐		Auto filled		☐							☐
Asaf	21102	☐		Auto filled		☐							☐
Hybrid	21103	☐		Auto filled		☐							☐
Other	21104	☐		Auto filled		☐							☐
Total													
Local	22101	☐		Auto filled		☐							☐
Shami	22102	☐		Auto filled		☐							☐
Hybrid	22103	☐		Auto filled		☐							☐
Other	22104	☐		Auto filled		☐							☐
Total													

(Cont.)Part six: Livestock /Poultry

Type	Code	Did you raise any poultry in the barns during the agricultural year 01/10/2021 – 30/09/2020? 1. Yes 2. No	Serial number of parcel	Address		The area for raising poultry	System of raising 1. Open 2. Closed 3. Semi-Closed	Number of raised poultry as in 01/10/2020	Number of cycles in barns per year	Total poultry raised during agricultural year 01/10/2020 – 30/09/2021
				Locality	Locality code					
J01		J02	J03	J04		J05	J06	J07	J08	J09
Broilers Mothers		☐		Auto filled			☐			
Broilers	61101	☐		Auto filled			☐			
Layers	61102	☐		Auto filled			☐			
Turkey	67101	☐		Auto filled			☐			
Common Quail	67105	☐		Auto filled			☐			
other										

(Cont.) Part six: Livestock/ Domestic Poultry

Type	Code	Did you raise any domestic poultry during agricultural year 01/10/2020 – 30/09/2021? 1. Yes 2. No	Number as in 01/10/ 2021
K01		**K02**	**K03**
Chickens	61104	☐	
Pigeons	66101	☐	
Turkeys	67104	☐	
Rabbits	74101	☐	
Ducks	64101	☐	
Other	67103	☐	

(Cont.) Part six: Livestock/ beehives

Type	Code	Did you raise any type of beehives as in 01/10/ 2021? 1. Yes 2. No	Number as in 01/10/ 2021
L01		**L02**	**L03**
Traditional beehives	81101	☐	
Modern beehives	81102	☐	

(Cont.) Part six: Equines

Type	Code	Did you raise any equines as in 01/10/ 2021 ? 1. Yes 2. No	Number as in 01/10/ 2021
M01		**M02**	**M03**
Horses	41101	☐	
Mules	42101	☐	
Donkeys	43101	☐	

Part Seven: Agricultural Employees / (A) Household Members

Fill in the information of agricultural employees / (A) Household members during agricultural year, 01/10/2020 – 30/09/2021

Household member	**Name**	**Sex** 1.Male 2.Female	**Age**	**Educational attainment** (1)	**Relationship of the member to the agricultural holder** (2)	**Whether working on the holding is the main activity** 1. Primary 2. Secondary	**Status in employment** (3)	**Working times** (4)
N01	**N02**	**N03**	**N04**	**N05**	**N06**	**N07**	**N08**	**N09**
1	***Holder***	☐	☐☐	☐☐	☐☐	☐☐	☐	☐
2		☐	☐☐	☐☐	☐☐	☐☐	☐	☐
3		☐	☐☐	☐☐	☐☐	☐☐	☐	☐
4		☐	☐☐	☐☐	☐☐	☐☐	☐	☐
5		☐	☐☐	☐☐	☐☐	☐☐	☐	☐
6		☐	☐☐	☐☐	☐☐	☐☐	☐	☐
7		☐	☐☐	☐☐	☐☐	☐☐	☐	☐
8		☐	☐☐	☐☐	☐☐	☐☐	☐	☐
9		☐	☐☐	☐☐	☐☐	☐☐	☐	☐
10		☐	☐☐	☐☐	☐☐	☐☐	☐	☐

1. Education attainment:
1. Illiterate 2. Can read and write 3. Elementary 4. Preparatory 5. Secondary 6. Associate diploma 7. Bachelor 8. Higher diploma 9. Master 10. PHD

2. Relationship of member **to the agricultural holder:**
1. The holder himself 2. Wife / Husband 3. Son / Daughter 4. Father / Mother 5.Brother\Sister 6. Grandfather /Grandmother 7. Grandson /Granddaughter 8. Son/Daughter in law 9. Other relatives 10. Other

3. Status in employment **:**
1. Employer 2. Own- account worker 3. Employee 4. Contributing family worker 5. Other

4. Working times:
1. Full time (up to 3 months per year) 2. Full time (4-6 months per year) 3. Full time (more than7 months per year) 4. Part time (up to 3 months per year) 5. Part time (4-6 months per year) 6. Part time (more than 7 months per year)

Part Seven: Agricultural Employees / (B) paid employees

O 01 Have you hired temporary/permanent employees for the holding during the agricultural year other than Household members 01/10/2020 – 30/09/2021 ? 1. Yes 2. No (skip to 01) ☐

Fill the information of Agricultural paid Employees during agricultural year, 01/10/2020 – 30/09/2021

Sex	**Code**	**Age groups**							**Forms of Payment**				**Working Times**					
													Full time			Part time		
		Total	Less than 10 years	10-14	15-17	18-29	30-59	60 and more	Money	Farm produce	Exchange of labour	Other forms /define	**up to** 3 months per year	4-6 months per year	more than7 months per year	**up to** 3 months per year	4-6 months per year	more than7 months per year
O 02		**O 03**	**O 04**	**O 05**	**O 06**	**O 07**	**O 08**	**O 09**	**O 10**	**O 11**	**O 12**	**O 13**	**O 14**	**O 15**	**O 16**	**O 17**	**O 18**	**O 19**
Male	**1**																	
Female	**2**																	

Other economic activities of the household

P01 Does the household or any household members engaged in economic activities other than agricultural production? 1. Yes 2. No (<u>Answer this question if B01 answer range (1 - 3)</u>

A- Support activities to agriculture and post-harvest crop activities	☐	B- Handicrafts	☐
C- Hunting, trapping, and related service activities	☐	D- Wholesale and retail trade and repair of motor vehicles and motorcycles.	☐
E- Forestry and logging	☐	F- Hotels and restaurants (excluding agrotourism)	☐
G- Fishing and aquaculture	☐	H- Agro tourism	☐
I- Manufacturing	☐	J- Other	

Part Eight: Machines and Equipment (owned and rented for using in the holding)

Q01 Did you use any type of machines and equipment during agricultural year, 01/10/2020 – 30/09/2021?
1.Yes 2. No (skip to R01) ☐
Determine the type of machine and equipment owned and rented in the holding

Type of machine	Code	Source*	Number
Q02		**Q03**	**Q4**
Four-Wheel Tractor	32101	☐	☐☐
Track-Laying Tractor	32102	☐	☐☐
Cultivator	33101	☐	☐☐
Plough	33102	☐	☐☐
Rotary Tiller	33103	☐	☐☐
Plastic Spreader	33104	☐	☐☐
Spike -Tooth Harrow	33105	☐	☐☐
Leveling Box Blade	33106	☐	☐☐
Disk	33107	☐	☐☐
Redger	33108	☐	☐☐
Turbine	33109	☐	☐☐
Grain Drill	33112	☐	☐☐
Disk Harrow	33113	☐	☐☐
Mold Broad Plough	33114	☐	☐☐
Seeder	33115	☐	☐☐
Potatoes Planter	33116	☐	☐☐
Sprayer	33201	☐	☐☐
Furrow Fertilizer	33202	☐	☐☐
Fertilizer Broadcaster	33203	☐	☐☐
Water Tank	43320	☐	☐☐
Manure Spreader	33205	☐	☐☐
Thresher	33301	☐	☐☐
Hay Baler	33302	☐	☐☐
Grounder	33303	☐	☐☐
Finger Wheel Rakes	33304	☐	☐☐
Reaper-binder	33305	☐	☐☐
Reaper-combine binder	33306	☐	☐☐
Miller	33307	☐	☐☐
Cutter - Disk	33308	☐	☐☐
Cutter - Bar	33309	☐	☐☐
Trailer	33311	☐	☐☐
Potatoes Digger	33312	☐	☐☐
Onion Digger	33313	☐	☐☐
Grain Cleaner (Sieve)	33402	☐	☐☐
Onion Sorter and Graders	33403	☐	☐☐
Milking Machine	34111	☐	☐☐
Honey Extractor	34112	☐	☐☐
Cream Separator	34113	☐	☐☐
Others	33199	☐	☐☐

***Source** :1. Owned 2. Rented from others 3. Rented from cooperative society 4. Rented from the government 5. Borrowed 6. Other(if answer range (2-6,) skip to next machine)

Part Nine: Agricultural Practices and Services

Did you use any agricultural practices in the holding during agricultural year, 01/10/2020 – 30/09/2021 1.Yes 2. No								
R01	Use treated and improved seeds	☐	**R02**	Use of mineral fertilizers	☐	**R03**	Use of organic fertilizers	☐
R04	Use of manure fertilizers	☐	**R05**	Use of insecticides	☐	**R06**	Use of fungicides	☐
R07	Use of herbicides	☐	**R08**	Use of rodenticides	☐	**R09**	Use other pesticides	☐
R10	Use of organic agricultural practices	☐	**R11**	Crop rotation	☐	**R12**	Traditional tillage (by Animal)	☐
R13	Tillage by tractor	☐	**R14**	Pruning of horticulture trees	☐	**R15**	Production of swarm bees	☐
R16	Vaccination livestock against epidemiological diseases	☐	**R17**	Vaccination poultry against epidemiological diseases				
R18	Using Computer		**R19**	Using Internet				

S 01	**Did you receive an agricultural compensation for agricultural losses during agricultural year** 01/10/2020 – 30/09/2021**?** 1.Yes 2. No 3. no losses	☐
S 02	**Agency of compensation for agricultural losses** 1. Governmental 2. Civil institutions 3. Private sector (household, farmers, cooperatives society) 4. Others	☐