

Farm Structure Survey 2009/2010 Survey on agricultural production methods 2009/2010

National Methodological Report (NMR)

According to Art. 12 of Regulation (EC) No 1166/2008 of the European Parliament and of the Council of 19 November 2008 published in the Official Journal of the European Union L 321, p.14 of 1 December 2008

Member State: Malta

CONTENTS

SUMMARY

1. CONTACTS

2. SURVEY METHODOLOGY

2.1 National Legislation

2.2 Characteristics

2.3 Survey organisation

2.3.1 Pilot Survey

2.3.2 Informing and training the staff and respondents

2.3.3 Promotion of the census

2.4 Work process

2.5 Population and frame

2.6 Survey design

2.7 Sampling, data collection and data entry

2.7.1 Drawing the sample

2.7.2 Data collection and data entry

2.7.3 Use of administrative data sources

2.8 Specific topics

2.8.1 Common land

2.8.2 Geographical reference of the holding

2.8.3 Volume of water used for irrigation

2.9 Response burden policy

3. ACCURACY AND RELIABILITY OF THE DATA COLLECTED

3.1 Data processing, analysis and estimation

3.1.1 Estimation and sampling errors

3.1.2 Non-sampling errors

3.1.3 Methods for handling missing or incorrect data items

3.1.4 Control of the data

3.2 Evaluation of results

3.3 Data revision policy

4. ACCESSIBILITY AND PUNCTUALITY

4.1 Publications

4.2 Timeliness

5. CONFIDENTIALITY AND SECURITY

ANNEX I – List of Non Existent (NE) characteristics with justification

ANNEX II – Leaflet sent to farmers

ANNEX III – Questionnaire

SUMMARY

Up to 1954, agricultural censuses used to be held every year under the provisions of the Agricultural Returns Ordinance 1935 as amended by Act XIX of 1949 and fell within the remit of the Department of Agriculture. The Central Office of Statistics (COS) had been set up in 1947 but had no legal basis; however on May 1955 the law was enacted, in the shape of the Statistics Act XV of 1955. Consequently, the COS carried out the 1956 Census of Agriculture covering the period October 1955 to September 1956. Data collected from farmers and breeders included: land area cultivated or left fallow; crops produced; livestock; farm labour; machinery; and any other particulars related to agriculture and the rural characterises of the Maltese Islands. A series of agricultural censuses ensued up to 1982/83, after which there was an 18-year break in the holding of the census.

The 1955 Act was superseded by the Malta Statistics Authority Act XXIV of 2000 which came into effect on 1 March 2001. The Census of Agriculture 2001 was one of the first major operations to be undertaken under the new act. As from the date of accession in the European Union, Malta has followed the legislation as laid down in Council Regulation 571/88 and has carried out a Farm Structure Survey in 2003, 2005 and 2007. The National Statistics Office was the official body responsible for undertaking the Census of Agriculture in 2010.

The Census provides a point-in-time stocktaking of Utilised Agricultural Area (UAA), livestock and machinery with the reference date for these sections being 31 August 2010. The reference period for permanent crops, arable land, mushrooms, organic land and vines is 1 September 2009 – 31 August 2010. This reference period is also applicable for animal housing and labour force.

Preparatory work on the Census started during the first quarter of 2010 and extended until the third quarter of 2010. The census was carried out from September 2010 to January 2011, after which the data was inputted and validated.

The Agricultural register contains the details of all agricultural holdings and is maintained and updated by the NSO on a regular basis. Updates are either sent by the Ministry of Rural Affairs and the Environment or through the number of surveys undertaken by the Agricultural and Fisheries statistics section. No threshold was used in the Census and the full population in the agricultural register was taken into consideration for the Census of Agriculture 2010 and the Survey on Agricultural Production Methods (SAPM). The data collected in the Census is "As per holder's declarations".

A pilot exercise was carried out on a small number of farmers to test the layout of the questionnaire and to identify any problems that may arise in the compilation of the data.

The Census was given media coverage and notices in the Government Gazette gave it the official authority to collect the required information under the Statistics Act. All holdings were informed by post prior to the actual interviewing.

The Census of Agriculture was held through face to face interviewing by a number of interviewers that were recruited for such purpose. Data was recorded on paper questionnaires which were then passed to the supervisors. The supervisor's work was to check and verify any anomalies. After all the necessary checking, the questionnaires were returned to the section for data entry.

The software application system used for data inputting had various validation rules that triggered errors where incorrect data was inputted. This facilitated the early stage of data analysis. Analysis and validation of data continued after all data was inputted.

1. CONTACTS

Contact organisation	National Statistics Office, Malta
Contact organisation unit	Directorate B - Business Statistics Unit B3: Agricultural and Fisheries Statistics
Contact name	Mr Ronald Tanti Manager of the Agricultural and Fisheries Statistics
Contact mail address	National Statistics Office, Unit B3: Agricultural and Fisheries Statistics, Lascaris, Valletta VLT 2000, Malta
Contact email address	ronald.tanti@gov.mt
Contact phone number	+356 25997333

2. SURVEY METHODOLOGY

2.1 National legislation

In Malta the legal basis for the collection of agricultural statistical data is the Malta Statistics Authority Act No XXIV, enacted in the year 2000. This places full responsibility on the National Statistics Office to carry out any statistical survey and to produce official statistics. Extracts from the Act, of the main functions of the office are:

Section 10

(2a) "to provide on an impartial basis, quantitative and representative information about the economic, demographic, gender issues, social and environmental situation in Malta, to all users including the Parliament, the Government, institutions, ; where possible such data should be provided on a regional basis".

(2b) "produce the data, and shall be subject to the principles of reliability, objectivity, relevance, statistical confidentiality, transparency, specificity and proportionality".

(2c) "Supply the information necessary to evaluate the quality of official statistics and make accessible to the public the methods used for their production."

Section 35

"The Director General may prepare forms, questionnaires and other records for the collection of information under this Act and the instructions necessary for their proper completion, and shall specify the date or period within which these completed forms, questionnaires and other records or the required information shall be returned to the Authority."

All individual data collected during the census is strictly confidential. No data, which might single out individual information, may be published. Data collected through the census is

intended for statistical purposes only and may only be used for statistical publications, tables and analysis.

All persons engaged in the data collection, handling and processing of data are obliged to keep the confidentiality. The filling in of statistical questionnaires is compulsory under the Statistics Act.

2.2 Characteristics and reference period

The information in the Census was collected according to the Regulation 1166/2008 of the European parliament and of the council on farm structure surveys and the survey on agricultural production methods. Besides, characteristics on vineyards as specified in the Council Regulation (EEC) 357/79 were also included. For the Farm Structure Survey (FSS) and Survey on agricultural production methods (SAPM) definitions, handbook version 8 was used for the Census 2010.

The Census provides a point-in-time stocktaking of Utilised Agricultural Area (UAA), livestock and machinery with the reference date for these sections being 31 August 2010. The reference period for permanent crops, arable land, mushrooms, organic land and vines is 1 September 2009 – 31 August 2010. This reference period is also applicable for animal housing and labour force.

Some characteristics were not included in the Census because they are not existent (NE) in Malta. The list of these characteristics is presented in the following table.

Table 1: List of Non Existent (NE) characteristics

Field Id	Unit	Label	
A_2_1	Y_n	Is this holding a common land unit (CPSA/SB/666)?	NE
A_3_1_3	ha	Agricultural area utilized for shared farming or other modes	NE
A_3_2_3_1	ha	Organic farming – cereals	NE
A_3_2_3_2	ha	Organic farming - dried pulses	NE
A_3_2_3_4	ha	Organic farming - sugar beet	NE
A_3_2_3_5	ha	Organic farming - oil crops	NE
A_3_2_3_7	ha	Organic farming - pasture and meadow, excl. rough grazings	NE
A_3_2_4_1	heads	Organic farming - bovine animals	NE
A_3_2_4_2	heads	Organic farming – pigs	NE
A_3_2_4_3	heads	Organic farming - sheep and goats	NE
A_3_2_4_4	heads	Organic farming – poultry	NE
A_3_2_4_5	Y_n	Organic farming - other animals	NE
A_3_3_1	Y_n_z	More than 50% of production self-consumed by the holder	NE
B_1_1	ha	Cereals	NE
B_1_1_1	ha	Common wheat and spelt	NE
B_1_1_2	ha	Durum wheat	NE
B_1_1_3	ha	Rye	NE
B_1_1_4	ha	Barley	NE
B_1_1_5	ha	Oats	NE
B_1_1_6	ha	Grain maize	NE

B_1_1_7	ha	Rice	NE
B_1_1_99	ha	Other cereals	NE
B_1_2	ha	Pulses – total	NE
B_1_2_1	ha	Peas, field beans and sweet lupines	NE
B_1_2_2	ha	Pulses other than peas, field beans and sweet lupines	NE
B_1_3	ha	Potatoes	NE
B_1_4	ha	Sugar beet	NE
B_1_5	ha	Fodder roots and brassicas	NE
B_1_6	ha	Industrial plants	NE
B_1_6_1	ha	Tobacco	NE
B_1_6_2	ha	Hops	NE
B_1_6_3	ha	Cotton	NE
B_1_6_4	ha	Rape and turnip	NE
B_1_6_5	ha	Sunflower	NE
B_1_6_6	ha	Soya	NE
B_1_6_7	ha	Linseed (oil flax)	NE
B_1_6_8	ha	Other oil seed crops	NE
B_1_6_9	ha	Flax	NE
B_1_6_10	ha	Hemp	NE
B_1_6_11	ha	Other textile crops	NE
B_1_6_12	ha	Aromatic, medicinal and culinary plants	NE
B_1_6_99	ha	Industrial plants not mentioned elsewhere	NE
B_1_7_1_1	ha	Fresh vegetables, melons, strawberries - outdoor - open field	NE
B_1_9_2_1	ha	Forage plants - other green fodder - green maize	NE
B_1_9_2_2	ha	Forage plants - other green fodder - leguminous plants	NE
B_1_11	ha	Other arable land crops	NE
B_3_1	ha	Permanent grassland and meadow - pasture and meadow	NE
B_3_2	ha	Permanent grassland and meadow - rough grazings	NE
B_4_1_1_2	ha	Fruit species of subtropical climate zones	NE
B_4_1_2	ha	Berry species	NE
B_4_1_3	ha	Fruit and berry plantations - nuts	NE
B_4_4_4	ha	Vineyards – raisins	NE
B_4_6	ha	Other permanent crops	NE
B_4_7	ha	Permanent crops under glass	NE
B_5_2	ha	Wooded area	NE
B_5_2_1	ha	Wooded area – with short rotation	NE
B_6_3	ha	Energy crops	NE
B_6_3_1	ha	Energy crops on set-aside area	NE
B_6_4	ha	Genetically modified crops	NE
C_99	y_n	Other livestock	NE

D_2_1_2	y_n	Equipment for energy production: biomass	NE
D_2_1_2_1	y_n	Equipment for energy production: bio-methane from biomass	NE
D_2_1_4	y_n	Equipment for energy production: hydro-energy	NE
D_2_1_99	y_n	Equipment for energy production: other sources	NE
F_1_1	y_n	Other gainful activity: tourism	NE
F_1_2	y_n	Other gainful activity: handicraft	NE
F_1_4	y_n	Other gainful activity: renewable energy production	NE
F_1_5	y_n	Other gainful activity: wood processing	NE
F_1_6	y_n	Other gainful activity: aqua culture	NE
F_1_8	y_n	Other gainful activity: Forestry work	NE
F_1_99	y_n	Other gainful activity: others	NE
M_1_2	ha	Tillage: conservation	NE
M_2_1_2	ha	Soil cover: cover or intermediate crop	NE
M_2_1_3	ha	Soil cover: plant residues	NE
M_3_1_A	y_n	Linear elements maintained: hedges	NE
M_3_2_A	y_n	Linear elements established: hedges	NE
M_4_1_1	ha	Grazing on the holding: Area grazed during last year	NE
M_4_1_2	months	Grazing on the holding: Months in year with animals grazing outdoors	NE
M_5_1_1	places	Animal housing - Cattle - Stanchion tied stable with solid dung and manure	NE
M_5_1_2	places	Animal housing - Cattle - Stanchion tied stable with slurry	NE
M_5_1_99	places	Animal housing - Cattle - Other housing	NE
M_5_2_3	places	Animal housing - Pigs - on straw beds	NE
M_5_3_1	places	Animal housing - Laying hens - Straw beds	NE
M_5_3_2_2	places	Animal housing - Laying hens - Battery cages (with deep pit)	NE
M_5_3_2_3	places	Animal housing - Laying hens - Battery cages (with stilt house)	NE
M_7_1_3_2	y_n	Storage facilities for slurry - lagoon?	NE
M_8_1_2_1	ha	Area irrigated in the previous 12 months: cereals (excl. maize and rice)	NE
M_8_1_2_2	ha	Area irrigated in the previous 12 months: maize (grain and green)	NE
M_8_1_2_3	ha	Area irrigated in the previous 12 months: rice	NE
M_8_1_2_4	ha	Area irrigated in the previous 12 months: pulses	NE
M_8_1_2_6	ha	Area irrigated in the previous 12 months: sugar beet	NE
M_8_1_2_7	ha	Area irrigated in the previous 12 months: rape and turnip rape	NE
M_8_1_2_8	ha	Area irrigated in the previous 12 months: sunflower	NE
M_8_1_2_9	ha	Area irrigated in the previous 12 months: textile crops	NE
M_8_1_2_10	ha	Area irrigated in the previous 12 months: Fresh vegetables, melons, strawberries - open field	NE
M_8_1_2_11	Ha	Area irrigated in the previous 12 months: Temporary and permanent grass	NE
M_8_3_3	y_n	Source of water: off-farm surface water	NE

2.3 Survey organisation

In Malta, no FSS committee was set up as all staff members who were involved in the organisation and implementation of the Census were all staff members within the Agricultural and Fisheries Statistics section of the National Statistics Office. The Agricultural and Fisheries statistics section is responsible for all domains in Agriculture. The unit co-ordinated all the requirements required for the census which included obtaining and updating lists of farmers, the questionnaire design, briefing of interviewers, printing of forms, running the census, data capture, validation, analysis, transmission and the dissemination of the results.

2.3.1 Questionnaire

A thirty page (30) questionnaire was used on all the holdings. The questionnaire was split into seventeen (17) parts and covered all the fields required in Commission Regulation 1166/2008. The data was collected over a five month period starting from the September 2010. It was decided that the census was to be carried through direct interviewing, and thus no facility for the questionnaire to be filled on-line was made. Through experience, the use of lap-tops for interviewing proved to be very laborious and highly impractical during the interviewing stage. A copy of the questionnaire is found in Annex III.

2.3.2 Pilot survey

In June 2010, a pilot survey was carried out on a small number of farmers to test the layout of the questionnaire and to identify any problems that may arise in the compilation of the data. As a result, a few alterations were needed to facilitate the data collection process and to ensure better understanding of the questionnaire from both the farmer's and the interviewer's point of view.

2.3.3 Informing and training the staff and respondents

Training of interviewers

Five briefing sessions were held for all interviewers. During the briefing session, all the interviewers were provided with a detailed instruction manual on each characteristic of the census, a list of farmers to be interviewed, and a copy of the leaflet sent to the farmers. In order to avoid errors during the initial stages of data collection, all interviewers were instructed to interview not more than five holdings and return the booklets back to their respective supervisor for an assessment to identify any mistakes undertaken during the interviewing stage. This exercise helped the interviewer to reduce the number of errors in the remaining questionnaires. This method, which was also used successfully in previous surveys, helped the Unit to reduce the total number of initial errors. In turn, this reduced the processing time of any given questionnaire.

Informing the agricultural holdings / farmers

A covering letter together with an information leaflet was sent to every agricultural holding to highlight the importance of the Census. This leaflet can be found in Annex II. The leaflet explained the process on how the office was going to implement the census, the obligation as to which the holdings had towards the Statistics Act, the specific data that was going to be collected and the documents which the holdings were expected to prepare for the interview.

2.3.4 Promotion of the census

Prior to the census date, the Agricultural and Fisheries statistics Unit, contributed an article regarding the census of agriculture that was published in one of the local newspapers and also in a local magazine that is posted to all Maltese households. The Unit also participated on a local radio and television programme in promoting the census.

2.4 Calendar (overview of work progress)

Table 2: Calendar of events for Census of Agriculture 2010

Stage	Date
Updating of lists	January 2010 - May 2010
Census of Agriculture questionnaire completed	June 2010
Application for interviewers and supervisors	June 2010
Publicity and Media	June – September 2010
Briefing	August 2010
Census date	1 September 2010
Census closed	January 2011
Inputting of data	October 2010 – February 2011
Follow up	February 2011
Checking of data	February 2011 – July 2011
Provisional results	July 2011
Initial transmission to Eurostat	July 2011
Final results	January 2012

2.5 Population and frame

All holdings in the agricultural register were taken into consideration for the Census. These amounted to 15,411 holdings.

The holding is the unit of enumeration. The holding comprises land and/or buildings on which agricultural activities are carried out. The holding is operated by the 'holder' who is a single individual, a partnership of individuals or a limited company. There were no changes in the definition of a holding from the previous Census.

The Agricultural and Fisheries statistics section maintains the agricultural register, which consists of a central database having the personal details of the holding and the data from previous surveys. This enables the unit to compile and extract an updated list of holdings for the census of agriculture. No threshold is applied for the register.

The agricultural register is updated frequently and new units may be traced from:

1. the animal register maintained by the Directorate of Wholesale markets and Fishing Fleet Facilities
2. the farmer's register maintained by the Department of Agriculture
3. other administrative sources such as IACS (Integrated Administration and Control System)
4. surveys carried out by the Agricultural and Fisheries statistics section – data collected is compared to the register

Prior to the census all the required lists were obtained from the Directorate of Wholesale markets and Fishing Fleet Facilities and the Department of Agriculture. Holders who received any form of payment or subsidy were also included in the Census list. All the lists were linked with the agriculture register and duplicates were removed so that a total of 15,411 holdings were interviewed.

2.6 Survey design

Maltese agriculture is diverse and limited in size. The Census of Agriculture is an exhaustive survey hence all the holdings in the register were interviewed. The following table shows the number of holdings (residence of the holder) by district and locality.

Table 3: Distribution of agricultural holdings

Administrative area	Number of Holdings	% of district	% of MALTA
MALTA	15,411	100.0	100.0
Malta	11,975	77.7	77.7
Gozo and Comino	3,436	22.3	22.3
Southern Harbour	1,278	100.0	8.3
Valletta	13	1.0	0.1
Vittoriosa	10	0.8	0.1
Senglea	4	0.3	0.0
Cospicua	15	1.2	0.1
Ħaż-Żabbar	501	39.2	3.3
Fgura	109	8.5	0.7
Floriana	5	0.4	0.0
Kalkara	39	3.1	0.3
Ħal Luqa	295	23.1	1.9
Marsa	44	3.4	0.3
Paola	62	4.9	0.4
Santa Luċija	26	2.0	0.2
Ħal Tarxien	142	11.1	0.9
Ix-Xgħajra	13	1.0	0.1
Northern Harbour	1,125	100.0	7.3
Ħal Qormi	421	37.4	2.7
Birkirkara	231	20.5	1.5
Gżira	11	1.0	0.1
Ħamrun	35	3.1	0.2
Msida	55	4.9	0.4
Pembroke	5	0.4	0.0
Tal-Pietà	21	1.9	0.1

St Julian's	51	4.5	0.3
San Ġwann	155	13.8	1.0
Santa Venera	51	4.5	0.3
Tas-Sliema	40	3.6	0.3
Swieqi	42	3.7	0.3
Ta' Xbiex	7	0.6	0.0
South Eastern	3,130	100.0	20.3
Zejtun	573	18.3	3.7
Birżebbuġa	344	11.0	2.2
Gudja	231	7.4	1.5
Ħal Ġhaxaq	255	8.2	1.7
Ħal Kirkop	155	5.0	1.0
Marsaskala	115	3.7	0.7
Marsaxlokk	95	3.0	0.6
Mqabba	211	6.7	1.4
Qrendi	295	9.4	1.9
Ħal Safi	176	5.6	1.1
Żurrieq	680	21.7	4.4
Western	3,671	100.0	23.8
Mdina	15	0.4	0.1
Ħaż-Żebbuġ	748	20.4	4.9
Siggiewi	913	24.9	5.9
Ħ'Attard	170	4.6	1.1
Ħal Balzan	38	1.0	0.2
Ħad-Dingli	394	10.7	2.6
Iklin	29	0.8	0.2
Ħal Lija	78	2.1	0.5
Rabat, Malta	1,182	32.2	7.7
Mtarfa	104	2.8	0.7
Northern	2,771	100.0	18.0
Ħal Ġhargħur	182	6.6	1.2
Mellieħa	622	22.5	4.0
Mġarr	473	17.1	3.1
Mosta	793	28.6	5.1
Naxxar	311	11.2	2.0
St Paul's Bay	390	14.1	2.5
Gozo and Comino	3,436	100.0	22.3
Victoria	409	11.9	2.7
Fontana	38	1.1	0.2
Ġħajnsielem	178	5.2	1.2
Ġħarb	165	4.8	1.1
Ġħasri	84	2.4	0.5
Ta' Kerċem	238	6.9	1.5
Munxar	90	2.6	0.6
Nadur	582	16.9	3.8
Qala	191	5.6	1.2
San Lawrenz	90	2.6	0.6
Ta' Sannat	175	5.1	1.1
Xaġħra	553	16.1	3.6
Xewkija	380	11.1	2.5
Żebbuġ	263	7.7	1.7

2.7 Sampling, data collection and data entry

2.7.1 Drawing the sample

Not applicable as all the holdings were covered for both FSS and SAPM

2.7.2 Data collection and data entry

For the first time in Malta, the Census of Agriculture interviewing was held in the place of preference of the holding (home or farm) and not in centralised areas as in the previous census. Face-to-face interviewing was carried out by 130 interviewers and data was recorded on paper questionnaires. Most of the interviewers that were recruited had previous experience in other surveys carried out by the National Statistics Office.

Supervisors checked the questionnaires on a daily basis for any inconsistencies and called back enumerators when this was needed before submitting the questionnaire to the staff at the Agricultural and Fisheries statistics section. The agricultural holdings produced IACS (Integrated Administration and Control System) documentation to help in filling out the questionnaire.

Data entry started during the first week of October 2010. An in-house program for the Census was developed by the IT Systems section within the NSO.

2.7.3 Use of administrative data sources

No administrative sources in compiling the data were used.

2.8 Specific topics

2.8.1 Common Land

Not applicable for Malta as shown in Table 1, A_2_1 is non existent.

2.8.2 Geographical reference of the holding

The geographical reference of the holdings was collected in terms of the latitude and longitude of the locality of the holding, which was decided to be the centroid of the locality which corresponds to LAU2/NUTS5. The National Grid – Universal Transverse Mercator (UTM) grid projection was used for collecting the original coordinates. These were converted to ETRS89 by using the GIS package (MapInfo Professional). All the process was done by the Malta Environment and Planning Authority (MEPA).

2.8.3 Volume of water used for irrigation

In 2008, a survey to estimate the volume of water used for irrigation was carried out under Grant Agreement 40701.2008.001-2008.130. From this survey, an Analysis of Covariance (ANCOVA) regression model was fitted, using the Statistical Package for Social Sciences

(SPSS). The model was fed with essential information related to irrigated area, type of irrigation and climatological data obtained from the Meteorological Office at the Malta International Airport on a daily basis. This enabled the model to predict the total volume of water used. Climatological data included average daily temperature, relative humidity and wind speed, and daily amount of rain in millimetres. To fit an ANCOVA regression model, dummy variables were generated to accommodate categorical variables. Table 4 displays the parameter estimates indicating the aliased terms.

Table 4: Parameter estimates

Model term	Parameter estimates
Intercept	2,414.686
[Crop=Potatoes]	-66,008.765
[Crop=Fresh Vegetables in the open]	-59,728.505
[Crop=Fresh Vegetables under Glass]	-43,908.339
[Crop=Flowers/Seeds in the open]	-17,976.815
[Crop=Flowers/Seeds under Glass]	-14,075.908
[Crop=Vines]	-99,968.002
[Crop=Olives]	-95,866.172
[Crop=Citrus]	-88,703.166
[Crop=Other fruit trees]	-90,622.018
[Crop=Kitchen Garden]	-63,988.717
[Crop=Other]	Aliased
[Irrigation Type=Drip]	17,543.841
[Irrigation Type=Sprinkler]	49,213.899
[Irrigation Type=Surface Irrigation]	8,395.647
[Irrigation Type=Rain gun]	12,110.809
[Irrigation Type=Other]	Aliased
Temperature	3,964.294
Precipitation	-390.277
Relative Humidity	-177.488
Wind Speed	1,597.646
Crop Area	5,885.287

Aliased: Parameter set to 0

The parameter estimates comply to what is expected. The parameter estimates for temperature, wind speed and crop area are all positive, implying that an increase in temperature, wind speed and crop area will significantly increase the volume of water needed for irrigation. On the other hand, the parameter estimates for precipitation and humidity are negative implying that less water is required with an increase in precipitation and humidity. The relationship that estimates the volume of water used for irrigation (in gallons per hectare) using crop, area and climatological data is given by:

Estimated weekly volume of water per hectare =

$$I_0 + C + I + T(\text{Average Temperature}) + P(\text{Weekly Precipitation}) + H(\text{Average Humidity}) \\ + W(\text{Average Windspeed}) + CA(\text{Average Area})$$

where: I_0 is the intercept
 C is the parameter estimate for the type of crop
 I is the parameter estimate for the type of irrigation
 T is the parameter estimate for the temperature
 P is the parameter estimate for the precipitation
 H is the parameter estimate for the humidity
 W is the parameter estimate for the wind speed
 CA is the parameter estimate for the crop area

The mean temperature, mean relative humidity and mean wind speed were computed by averaging daily observations over the whole year. On the other hand, mean precipitation was computed by averaging weekly total rainfall over a whole year. These averages are displayed in Table 5.

Table 5: Climatological data

	2009/2010
Temperature (°C)	19.316
Relative Humidity	71.752
Wind Speed (Knots)	8.215
Precipitation (in mm)	7.461

The climatological data, presented in Table 5, the relevant information related to irrigation methods for each crop, presented in Table 6, and the parameters estimated by SPSS were used to estimate the weekly volume of water (in gallons) required per hectare for each combination of crop type and irrigation method.

The volume of water required for each combination of crop type and irrigation method was then multiplied by the corresponding actual irrigated area and further multiplied by 52 weeks to obtain the yearly volume of water used for irrigation.

Table 6: Combination of crop and irrigation type

Crop	Drip	Sprinkler	Surface Irrigation	Rain gun	Other
Potatoes	✓	✓	✓	✓	✓
Fresh vegetables in the open	✓	✓	✓	✓	✓
Fresh vegetables under glass	✓	✓			
Flowers/Seeds in the open	✓	✓	✓	✓	✓
Flowers/Seeds under glass	✓	✓			✓
Vines	✓		✓		
Olives	✓		✓		
Citrus	✓		✓		
Other fruit trees	✓		✓		
Kitchen Garden	✓	✓	✓	✓	✓
Other	✓	✓	✓		

The total estimated volume of water used for the census year (September 2009 – August 2010) was computed by aggregating the volume of water for all the combinations listed above. The regression model yielded an estimate of 6.2 billion gallons of irrigation water yearly (28.2 million cubic metres yearly).

2.9 Response-burden policy

The importance to duly fill the Census questionnaire was raised through advertising in the local media. Leaflets and posters were displayed in various public locations, mainly local councils. In the months preceding the census, the agricultural and fisheries statistics unit was involved in a process to have an updated list of farmers. Just before the start of the interviewing process, letters to the agricultural holders were posted, informing them on the statistical significance of the Census of Agriculture, its purpose and the importance of their co-operation. The letter also informed the agricultural holding that an interviewer would call and set a date for an appointment. By doing so, only a handful of farmers refused to take part in the census. These farmers were contacted directly by the unit, who finally managed to fill in the questionnaire.

Personal details, namely the name, surname, address, telephone and mobile numbers were provided to the interviewer. However, when this information was not available the interviewer had to proceed to the holding's address without notice. When the holder was not found, a note stating that an interviewer had passed by was left in the letter box. The interviewer left details for an appointment and also a contact number. This was intended to speed up the process of data collection.

3. ACCURACY AND RELIABILITY OF THE DATA COLLECTED

3.1 Data processing, analysis and estimation

Not applicable

3.1.1 Estimation and sampling errors

Not applicable

3.1.2 Non-sampling errors

No coverage errors were evident in the census as there were no holdings that refused to respond. This applied also to the item non-response. No processing errors were encountered as a result that the data was thoroughly checked during the data input stage.

3.1.3 Methods for handling missing or incorrect data items

Among the 15,411 agricultural holdings of the farm register, 3,635 holdings were no longer engaged in agricultural activity. This was due to:

- land had been sold or transferred – this could lead to closure of holdings due to combination of holdings themselves
- land not used any more for agricultural purposes
- duplication of holdings
- holders have deceased and the land was returned back to the owner

During the census, 753 new agricultural holdings were identified. These resulted from the fact that when a person dies, the land owned is usually split between members of his family. In certain instances, the land was sold/divided to different persons.

The data validation process was implemented as explained in Section 3.1.4. Once this procedure was completed, quality checks on the aggregated data were performed to analyse the consistency of the results. Although these checks did not indicate any abnormalities in the data collection process, they helped in confirming the results obtained.

3.1.4 Control of the data

A thorough check of completed questionnaires is an integral part of the processing system. Data control started at the collection stage. The interviewer was obliged to verify the totals for consistency during the actual filling in of the questionnaire.

Once field checks were completed, interviewers had to submit the questionnaires to their respective supervisor, where the questionnaires were subject to a manual verification for completeness. In cases where information was either missing or not clear, the holder was contacted by telephone for clarification.

This phase was then followed by the data entry stage, where computer validations of the individual data were made. This involves logic and consistency checks with previous data, checks for extreme values and reconciliation of the total declared area information to the area declaration covered by the crop. Moreover, the computer application was designed in such a way that for any error encountered, a dialog box displaying the error message popped up.

After the data inputting stage, all data was again validated and verified through Eurostat's validation rules as laid out in the handbook of implementing FSS and SAPM definitions. The locally built program was designed in such a way in order to minimise errors encountered through the validation rules as stipulated in the manual. The validations set up by Eurostat helped to clear out any final anomalies. The data was then converted into the data format as required by Eurostat.

3.2 Evaluation of results

The table below presents a summary of collected data, allowing for a uniform comparison of the surveyed units across all Member States.

Table 7: Collection summary table

	Census 2010
Initial list of units	15,411
Number of holdings with completed questionnaires	12,529
Number of units under the threshold applied	0
Holdings with ceased activities ¹	3,635
Unit non-response	0
Refuses – not corrected	0
Refuses – corrected (imputed)	0
Number of records transferred to Eurostat	12,529
Common land units	0

Following verification and analysis, the data collected during the census was compared to the results obtained from other surveys carried out by the Agricultural and Fisheries statistics section, mainly the Farm Structure Survey of 2007 as shown in Table 8.

¹ These holdings include those who have ceased the activity, those that have been incorporated in another, those that were duplicated in the list of farmers and those holders who have deceased

Table 8: Major trends from FSS 2007 to Census 2010

	FSS 2007	Census 2010	+/- %
Number of holdings	11,017	12,529	13.7
Utilised Agriculture Area (ha)	10,326	11,453	10.9
Arable land (ha)	8,017	9,078	13.2
Permanent crops (ha)	1,322	1,251	-5.4
Unutilised Agricultural area (ha)	138	253	83.5
Fallow land (ha)	676	1,007	48.9
Livestock units (LSU)	49,626	41,652	-16.1
Cattle	18,906	15,688	-17.0
Pigs	79,186	70,593	-10.9
Broilers	660,215	666,143	0.9
Layers	563,814	300,667	-46.7
Family Labour force - in persons	16,487	17,628	6.9
Family Labour force - AWU	3,702	4,388	18.5
Non family Labour force - in persons	661	874	32.2
Non family Labour force - in AWU	471	442	-6.2

In the census of agriculture 2010, there was an increase of 1,512 holdings when compared to the farm structure survey that was carried out in 2007. This resulted from a division of agricultural holdings after the holder had deceased. Utilised agricultural area went up by 10.9 per cent, mainly as a result of garigue land being reclaimed for farming. Furthermore, the number of family and non-family persons engaged on the holding rose by 6.9 and 32.2 per cent respectively. Annual work units for family workers rose by 18.5 per cent, whereas annual work units for non-family members fell by 6.2 per cent.

In contrast, livestock units fell by 16.1 per cent. This was brought about by declines in the number of registered cattle, pigs, broilers and layers. Data has been verified through the annual cattle and pig surveys carried out every December and by the Ministry of Agriculture.

3.3 Data revision policy

Normally, data in the Agriculture Census is not subject to revision.

4. ACCESSIBILITY AND PUNCTUALITY

4.1 Publications

A news release disseminating the final results of the Census was published on 3 January 2012, after the transmission of the final data to Eurostat. These results, broken down in detail by subject matter and region, are available on the National Statistics Office website in PDF-format.

Tables in the news release, include information on the structure of agricultural holdings, land use, livestock and labour force. A short methodological description on the implementation of the survey is also included. The Census data is not disseminated in an on-line database.

4.2 Timeliness

The final results were published 17 months after the last day of the reference period.

5. CONFIDENTIALITY AND SECURITY

In Malta, the data is disseminated in an aggregate format, hence confidentiality is ensured.

When micro-data is requested for research purposes, personal information is removed from the data to ensure confidentiality.

ANNEX I – List of Non Existent (NE) characteristics with justification

FSS		Unit	NS/NE	Justification
1.03.01.03	For share farming or other modes	ha	NE	This type of land tenure is non existent in Malta
1.03.02.03.01	Cereals for the production of grain (including seed)	ha	NE	Farmers do not produce this type of crop in Malta
1.03.02.03.02	Dried pulses and protein crops for the production of grain (including seed and mixtures of cereals and pulses)	ha	NE	Farmers do not produce this type of crop in Malta
1.03.02.03.04	Sugar beet (excluding seed)	ha	NE	Farmers do not produce this type of crop in Malta
1.03.02.03.05	Oil seed crops	ha	NE	Farmers do not produce this type of crop in Malta
1.03.02.03.07	Pasture and meadow, excluding rough grazing	ha	NE	Farmers do not produce this type of crop in Malta
1.03.02.03.99	Other crops (fibre crops, etc.)	ha	NE	All the crops produced in Malta are designated under the specific codes
1.03.02.04	Organic production methods applied to animal production and certified according to national or European Community rules:		NE	These do not exist. To date only 7 applications are fully certified and 5 are under conversion period to be certified. All applications refer to crop production.
1.03.02.04.01	Bovine animals	Head	NE	
1.03.02.04.02	Pigs	Head	NE	
1.03.02.04.03	Sheep and goats	Head	NE	
1.03.02.04.04	Poultry	Head	NE	
1.03.02.04.99	Other animals	Yes/no	NE	
2.01.01	Cereals for the production of grain (including seed):		NE	Farmers do not produce this type of crop in Malta
2.01.01.01	Common wheat and spelt	ha	NE	Farmers do not produce this type of crop in Malta
2.01.01.02	Durum wheat	ha	NE	Farmers do not produce this type of crop in Malta
2.01.01.03	Rye	ha	NE	Farmers do not produce this type of crop in Malta
2.01.01.04	Barley	ha	NE	Farmers do not produce this type of crop in Malta
2.01.01.05	Oats	ha	NE	Farmers do not produce this type of crop in Malta
2.01.01.06	Grain maize	ha	NE	Farmers do not produce this type of crop in Malta
2.01.01.07	Rice	ha	NE	Farmers do not produce this type of crop in Malta
2.01.01.99	Other cereals for the production of grain	ha	NE	Farmers do not produce this type of crop in Malta
2.01.02	Dried pulses and protein crops for the production of grain (including seed and mixtures of cereals and pulses)	ha	NE	Farmers do not produce this type of crop in Malta
2.01.02.01	of which peas, field beans and sweet lupins	ha	NE	Farmers do not produce this type of crop in Malta
2.01.04	Sugar beet (excluding seed)	ha	NE	Farmers do not produce this type of crop in Malta

2.01.05	Fodder roots and brassicas (excluding seed)	ha	NE	Farmers do not produce this type of crop in Malta
2.01.06	Industrial crops:		NE	Farmers do not produce this type of crop in Malta
2.01.06.01	Tobacco	ha	NE	Farmers do not produce this type of crop in Malta
2.01.06.02	Hops	ha	NE	Farmers do not produce this type of crop in Malta
2.01.06.03	Cotton	ha	NE	Farmers do not produce this type of crop in Malta
2.01.06.04	Rape and turnip rape	ha	NE	Farmers do not produce this type of crop in Malta
2.01.06.05	Sunflower	ha	NE	Farmers do not produce this type of crop in Malta
2.01.06.06	Soya	ha	NE	Farmers do not produce this type of crop in Malta
2.01.06.07	Linseed (oil flax)	ha	NE	Farmers do not produce this type of crop in Malta
2.01.06.08	Other oil seed crops	ha	NE	Farmers do not produce this type of crop in Malta
2.01.06.09	Flax	ha	NE	Farmers do not produce this type of crop in Malta
2.01.06.10	Hemp	ha	NE	Farmers do not produce this type of crop in Malta
2.01.06.11	Other fibre crops	ha	NE	Farmers do not produce this type of crop in Malta
2.01.06.12	Aromatic plants, medicinal and culinary plants	ha	NE	Farmers do not produce this type of crop in Malta
2.01.06.99	Other industrial crops not mentioned elsewhere	ha	NE	Farmers do not produce this type of crop in Malta
2.01.09.01	Temporary grass	ha	NE	Farmers do not produce this type of crop in Malta
2.01.09.02.01	Green maize	ha	NE	Farmers do not produce this type of crop in Malta
2.01.09.02.02	Leguminous plants	ha	NE	Farmers do not produce this type of crop in Malta
2.01.11	Other arable land crops	ha	NE	All the crops produced in Malta are designated under the specific codes
2.03	Permanent grassland	ha	NE	Farmers do not produce this type of crop in Malta
2.03.01	Pasture and meadow, excluding rough grazing	ha	NE	Farmers do not produce this type of crop in Malta
2.03.02	Rough grazing	ha	NE	Farmers do not produce this type of crop in Malta
2.04.01.01.02	Fruit of subtropical climate zones	ha	NE	Farmers do not produce this type of crop in Malta
2.04.01.02	Berry species	ha	NE	Farmers do not produce this type of crop in Malta
2.04.01.03	Nuts	ha	NE	Farmers do not produce this type of crop in Malta
2.04.04.04	Raisins	ha	NE	Farmers do not produce this type of crop in Malta
2.04.06	Other permanent crops	ha	NE	All permanent crops produced in Malta are designated under the specific codes
2.04.06.01	of which Christmas trees[3]		NE	Farmers do not produce this type of crop in Malta
2.04.07	Permanent crops under glass	ha	NE	Farmers do not produce this type of crop in Malta
2.05.02	Wooded area	ha	NE	No wooded areas exist in Malta
2.05.02.01	of which short rotation coppices	ha	NE	No wooded areas exist in Malta

2.06.03	Energy crops (for the production of biofuels or other renewable energy)	ha	NE	Farmers do not produce this type of crop in Malta
2.06.03.01	of which on set-aside area	ha	NE	Farmers do not produce this type of crop in Malta
2.06.04	Genetically modified crops	ha	NE	Farmers do not produce this type of crop in Malta
3.05.03.03	Geese ¹	Head	NE	No geese reared
3.05.03.04	Ostriches ¹	Head	NE	No ostriches in Malta
3.05.03.99	Other poultry, not mentioned elsewhere ¹	Head	NE	All livestock reared in Malta are designated under the specific codes
3.99	Livestock not mentioned elsewhere	Yes/no	NE	All livestock reared in Malta are designated under the specific codes
4.02.01.02	Biomass	Yes/No	NE	Production of energy from these sources is non-existent
4.02.01.02.01	of which bio-methane	Yes/No	NE	Production of energy from these sources is non-existent
4.02.01.04	Hydro-energy	Yes/No	NE	Production of energy from these sources is non-existent
4.02.01.99	Other types of renewable energy sources	Yes/No	NE	Production of energy from these sources is non-existent
6.01.01	Tourism, accommodation and other leisure activities	Yes/No	NE	This type of activity is not carried out on the holding as an OGA
6.01.02	Handicraft	Yes/No	NE	This type of activity is not carried out on the holding as an OGA
6.01.04	Production of renewable energy	Yes/No	NE	This type of activity is not carried out on the holding as an OGA
6.01.05	Wood processing (e.g. sawing)	Yes/No	NE	This type of activity is not carried out on the holding as an OGA
6.01.06	Aquaculture	Yes/No	NE	This type of activity is not carried out on the holding as an OGA
6.01.08	Forestry	Yes/No	NE	This type of activity is not carried out on the holding as an OGA
6.01.99	Other	Yes/No	NE	Activities 6.01.03 and 6.01.07 only are carried out on the holding as an OGA.
SAPM				
1.02	Conservation tillage (low tillage)	ha	NE	In Malta no conservational tillage is used
2.01.02	Cover crop or intermediate crop	ha	NE	Areas in Malta are covered with normal winter crop
2.01.03	Plant residues	ha	NE	Areas in Malta are covered with normal winter crop
3.01.a	Hedges	Yes/no	NE	No hedges are used as boundary lines in Malta. The majority are stonewalls but tree lines may also be found.
3.02.a	Hedges	Yes/no	NE	No hedges are used as boundary lines in Malta. The majority are stonewalls but tree lines may also be found.
4.01.01	Area grazed during the reference year	ha	NE	Animals do not graze on the holding
4.01.02	Amount of time for which animals are outdoors on pasture	Months per year	NE	Animals do not graze on the holding
5.01.01	Stanchion-tied stable – with solid dung and liquid manure	Places	NE	Holdings with cattle do not have stanchion-tied stables
5.01.02	Stanchion-tied stable – with slurry	Places	NE	Holdings with cattle do not have stanchion-tied stables
5.01.99	Other	Places	NE	All cattle housed are allowed to move freely and thus are included under loose housing

5.02.03	On straw-beds (deep litter-loose housing)	Places	NE	All pigs housed are on slatted or partially slatted floors
5.02.99	Other	Places	NE	All pigs housed are on slatted or partially slatted floors
5.03.01	On straw-beds (deep litter-loose housing)	Places	NE	These do not exist
5.03.02.02	Battery cage with deep pit	Places	NE	These do not exist
5.03.02.03	Battery cage with stilt house	Places	NE	These do not exist
7.01.03.02	Lagoon	Yes/no	NE	No lagoons in Malta as all holdings producing slurry use a closed slurry tank
8.01.02.01	Cereals for the production of grain (including seed) (excluding maize and rice)	ha	NE	Farmers do not produce this type of crop in Malta
8.01.02.02	Maize (grain and green)	ha	NE	Farmers do not produce this type of crop in Malta
8.01.02.03	Rice	ha	NE	Farmers do not produce this type of crop in Malta
8.01.02.04	Dried pulses and protein crops for the production of grain (including seed and mixtures of cereals and pulses)	ha	NE	Farmers do not produce this type of crop in Malta
8.01.02.06	Sugar beet (excluding seed)	ha	NE	Farmers do not produce this type of crop in Malta
8.01.02.07	Rape and turnip rape	ha	NE	Farmers do not produce this type of crop in Malta
8.01.02.08	Sunflower	ha	NE	Farmers do not produce this type of crop in Malta
8.01.02.09	Fibre crops (flax, hemp, other fibre crops)	ha	NE	Farmers do not produce this type of crop in Malta
8.01.02.11	Temporary grass and permanent grassland	ha	NE	Farmers do not produce this type of crop in Malta
8.03.02	On-farm surface water (ponds or dams)	Yes/no	NE	No holdings have ponds or dams
8.03.03	Off-farm surface water from lakes, rivers or watercourses	Yes/no	NE	Malta has no supply of water from lakes, rivers or watercourses

ANNEX II – Leaflet sent to farmers



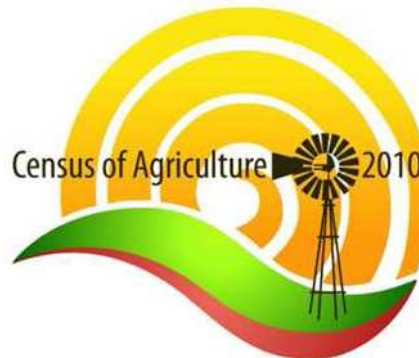
Unit B3: Agricultural and Fisheries Statistics
Tel: 2599 7339 e-mail: agriculture.nso@gov.mt

ic-Censiment isir sabiex jingabar tagħri dettaljat dwar il-qasam agrikolu fil-pajjiż. Dan għandu jgħin sabiex jiġi mkejjla l-bidiet li jkunu minn minn għal żmien, u b'hekk jgħin fl-ippjanar u l-twettig ta' politika agrikola b'risq l-istess settur.

Għaliex isir ic-Censiment tal-Biedja?

Dawk kollha li jgħidnu r-raba' u/jew trabu l-animali u l-ijur, se jinfexxu jgħid u tagħri meħheg dwar l-attività agrikola tagħhom.

L-Uffiċju Nazzjonali tal-Istatistika se jinfexxi Censiment tal-Biedja bejn Settembru u Ottubru li għej li se jkun koincidenzjal mill-Kommissjoni Ewropea. Id-data tal-Censiment se tkun il-31 ta' Awgust 2010.



In September-October this year, the National Statistics Office (NSO) will be conducting a Census of Agriculture, co-financed by the European Commission. The Census date will be 31 August 2010.

All individuals engaged in crop farming and/or the breeding of livestock will be asked to provide information on their agricultural activities.

What is the purpose of the Census of Agriculture?

By means of the Census, detailed information is collected on the agricultural sector in Malta. This helps to identify and measure changes that occur from time to time, thereby enabling the planning and carrying out of agricultural policies of benefit to this sector.

Unit B3: Agricultural and Fisheries Statistics
Tel: 2599 7339 e-mail: agriculture.nso@gov.mt



What type of information is collected in the Census?

Farmers and breeders will be asked to give information on:

- the land being farmed, its size, type and the use(s) it is put to
- greenhouses and the use(s) they are put to
- the type of crops farmed
- animal farms and livestock
- labour in crop and animal farming
- machinery used in agricultural activities

How is the Census of Agriculture conducted?

Participants in the Census will receive a telephone call from an NSO official who will seek to set an appointment for the filling-in of the questionnaire. (The interviewer will be wearing an identity card specially issued by the NSO for the purposes of the Census.)

What documents and details should farmers and breeders prepare for the interview?

Farmers and breeders should ensure that they have:

- the notification sent to them by the NSO
- the IACS plans
- their identity card
- their VAT registration number
- a record of crops sown and reaped during the past year, between 1st September 2009 and 31st August 2010
- a record of the stock of animals and fowl held as on 31st August 2010, by type

Is participation in the Census of Agriculture mandatory?

YES. The Census of Agriculture is regulated by the Malta Statistics Authority Act XXIV of 2000. Therefore, farmers and breeders are obliged by law to provide the requested information in an accurate and timely manner.

How is the collected information utilised?

All the information collected during the Census will be used internally for statistical purposes only and will be treated with the utmost confidentiality. In accordance with the requirements of the Malta Statistics Authority Act, no part of the information is passed on to any entity or individual outside the NSO. All persons involved in the running of the Census are bound by an oath of confidentiality.

Note: It is very important that the appointment date, once set is adhered to. Thank you for your cooperation.

Note: Huwa importanti ħafna li nista' jkollu appuntamenti dan jidnam. Grazzi tal-koperazzjoni tiegħi.

KUNFIDENZJALI. Skont xi jlebb l-aktar tal-awtorità tal-istatistika, it-tagħri meħheg min se jinfexxi mogħri waqt ic-Censiment jinfexxi għal skop ta' statistika biss u għaldaqstant huwa it-tagħri meħheg min se jinfexxi mogħri waqt ic-Censiment jinfexxi għal skop ta' statistika biss u għaldaqstant huwa għaliex isir ic-Censiment tal-Biedja? Dan għandu jgħin sabiex jiġi mkejjla l-bidiet li jkunu minn minn għal żmien, u b'hekk jgħin fl-ippjanar u l-twettig ta' politika agrikola b'risq l-istess settur.

Xi jir mit-tagħri meħheg waqt ic-Censiment?

IVA. Ic-Censiment isir skont kif jlebb l-att XXIV tal-2000 dwar l-awtorità tal-istatistika ta' Malta. Għalhekk, il-bdiewa u r-raħħala huma obligati bi-l-għej li jgħid u l-informazzjoni meħheg b'mod korekt u f'waqta.

Is sehem tie-Censiment huwa obligatorju?

Xgħandhom jippreparaw il-bdiewa u r-raħħala gabel ma jinfexxi tagħri meħheg.

- L-avviż meħheg mill-Uffiċju Nazzjonali tal-Istatistika
- Il-plani tal-IACS
- Il-karta ta' l-identità
- In-numru tal-VAT
- Is-sena, bejn l-1 ta' Settembru 2009 u 31 ta' Awgust 2010
- Notsa ta' raba' tagħri u l-prodotti li kelliha fl-awgust 2010 u l-ijur tagħri.
- Notsa ta' kienet kienet minn minn għal żmien u b'hekk jgħin fl-ippjanar u l-twettig ta' politika agrikola b'risq l-istess settur.

Uffiċjal tal-Istatistika? jinfexxi tagħri meħheg.

Permezz minn dan l-Uffiċju jir kienet kienet minn minn għal żmien u b'hekk jgħin fl-ippjanar u l-twettig ta' politika agrikola b'risq l-istess settur.

Kif se isir ic-Censiment?

Xgħandhom jippreparaw il-bdiewa u r-raħħala gabel ma jinfexxi tagħri meħheg.

- L-avviż meħheg mill-Uffiċju Nazzjonali tal-Istatistika
- Is-sena, bejn l-1 ta' Settembru 2009 u 31 ta' Awgust 2010
- Notsa ta' raba' tagħri u l-prodotti li kelliha fl-awgust 2010 u l-ijur tagħri.
- Notsa ta' kienet kienet minn minn għal żmien u b'hekk jgħin fl-ippjanar u l-twettig ta' politika agrikola b'risq l-istess settur.



Ċensiment tal-Biedja - 2010

Census of Agriculture - 2010



NSO Reference:

--	--

Dan iċ-ċensiment huwa kofinanzjat mill-Eurostat permezz tal-Ftehim Nru. 40201.2009.001-2009.137
This census is co-financed by Eurostat through Grant Agreement No. 40201.2009.001-2009.137

IKTEB L-ISEM U L-KUNJOM TAL-PERSUNA TA' REFERENZA U L-INDIRIZZ TAD-DAR ENTER THE NAME AND SURNAME OF THE REFERENCE PERSON AND HOUSEHOLD ADDRESS									
Isem Name									
Kunjom Surname									
Indirizz Address									
Lokalità Locality							MGC Code		
Numru tat-telefon Telephone No.									
Numru tal-mobile Mobile No.									
Numru tal-karta tal-Identità ID card Number									
Numru tal-VAT VAT number						-			
Firma Signature									

GĦALL-UŻU UFFIĊJALI BISS/FOR OFFICIAL USE ONLY		
	Isem u Kunjom/Name and Surname	Data/Date
Interviewer		
Supervisor		
Data Entry Operator		

KUNFIDENZJALI WARA LI JIMTELA / CONFIDENTIAL WHEN COMPLETED

Unit B3: Agricultural and Fisheries Statistics
Directorate B: Business Statistics
National Statistics Office
Lascaris
Valletta VLT 2000
T. 25997339
E. agriculture.nso@gov.mt

**Kejl lokali mibdul f'ettari /
Local Measurements converted into hectares**

Kejl lokali / Local measurements			
Tumolo	Wejba	Modd	Ha
1	-	-	0.112
2	-	-	0.224
3	-	-	0.336
4	1	-	0.448
5	-	-	0.560
6	-	-	0.672
7	-	-	0.784
8	2	-	0.896
9	-	-	1.008
10	-	-	1.120
11	-	-	1.232
12	3	-	1.344
13	-	-	1.456
14	-	-	1.568
15	-	-	1.680
16	4	1	1.792

Kejla Siegh	0	1	2	3	4	5	6	7	8	9
0	0.000	0.002	0.004	0.006	0.007	0.009	0.011	0.013	0.015	0.017
1	0.019	0.021	0.023	0.024	0.026	0.028	0.030	0.032	0.034	0.036
2	0.037	0.039	0.041	0.043	0.045	0.047	0.049	0.051	0.052	0.054
3	0.056	0.058	0.060	0.062	0.064	0.066	0.067	0.069	0.071	0.073
4	0.075	0.077	0.079	0.081	0.082	0.084	0.086	0.088	0.090	0.092
5	0.094	0.096	0.097	0.099	0.101	0.103	0.105	0.107	0.109	0.111

GHALL-UŻU UFFIĊJALI BISS / FOR OFFICIAL USE ONLY

Farming activity:

Subsistence

☐

Commercial

☐

SEZZJONI A/SECTION A

L-ISTAT U T-TMEXXIJA TAL-AZJENDA/

LEGAL PERSONALITY AND MANAGEMENT OF THE HOLDING

A1 Ir-raba'/razzett jinħadem:

Is the legal and economic responsibility of the holding assumed by:

- a) mis-Sid/Kerrej
Sole holder..... 1
- b) bi sħab
Partnership 2
- c) minn Kumpanija
Company 3

☐₁ → A2

☐₂ → A6

☐₃ → Sezzjoni B
Section B

A2 Is-Sid/Kerrej huwa l-manager?

The sole holder is also the manager?

- Iva
Yes..... 1
- Le
No 2

☐₁ → A5

☐₂ → A3

A3 Il-Manager jagħmel parti mill-familja tas-sid/kerrej?

The manager is part of the holder's family?

- Iva
Yes..... 1
- Le
No 2

☐₁ → A4

☐₂ → A5

A4 Il-Manager huwa r-raġel/mara tas-sid/kerrej?

The manager is the spouse of the holder?

- Iva
Yes..... 1
- Le
No 2

☐₁ }
☐₂ } → A5

A5 Ir-raba'/razzett jinħadem ma' persuna li tmexxi azjenda oħra?

Is the land/farm worked with a person who manages another holding?

Nota: /Note:

Ir-raba'/razzett tal-persuna tar-referenza qed jinħadem flimkien ma' persuna oħra li għandha wkoll raba'/razzett x'tieħu f'siekb, iżda li huwa differenti minn tal-persuna tar-referenza?

The land/farm of the reference person is being worked together with another person who manages another holding?

- Iva
Yes..... 1
- Le
No 2

☐₁ → A6

☐₂ → Sezzjoni B
Section B

A6 Agħti d-dettalji tal-persuna
Provide the details

Isem
Name

Kunjom
Surname

Indirizz
Address

Lokalità
Locality

Numru tat-telefon
Telephone number

Numru tal-mobile
Mobile number

Numru tal-karta tal-identità
Id Number

Numru tal-VAT
VAT number

SEZZJONI B/SECTION B

INFORMAZZJONI DWAR IL-KARATTERISTIĊI TAL-AZJENDA/GENERAL CHARACTERISTICS OF THE HOLDING

B1 Raba' frank li jinħadem mill-azjenda
Total owner-occupied workable land

 ha

B2 Raba' bi qbiela/ċens għal 12-il xahar jew aktar li jinħadem mill-azjenda
Total rented (for at least 12 months) workable land

 ha

B3 Għandek raba' li jinħadem, imqabbel lil haddieħor?
Do you have any workable land rented out?

Iva
Yes..... 1

☐ ₁ → **B4**

Le
No 2

☐ ₂ → **B5**

B4 Kemm għandek raba' li jinħadem, imqabbel lil haddieħor?
How much workable land do you have rented out?

 ha

B5 Total tar-raba' li jinħadem fil-31-08-2010 (B1+B2-B4)?
Workable land of the holding on 31-08-2010 (B1+B2-B4)?

 ha

Nota: /Note:

Total tar-raba' li jinħadem irid ikun daqs it-total tas-sezzjonijiet C u D.
Total of workable land should be equal to the total of sections C and D.

B6 Il-parti l-kbira tal-produzzjoni hija kkunsmata mill-azjenda?
Does the household consume the majority of production?

Iva
Yes..... 1
Le
No 2

☐ ₁
☐ ₂

B7 L-azjenda tbigh dirett lill-konsumatur?
Does the household sell directly to the consumer?

Iva
Yes..... 1
Le
No 2

☐ ₁ → B8
☐ ₂ → B9

B8 Dan il-bejgħ jammonta għal aktar minn nofs il-bejgħ totali?
Do the direct sales account for more than 50% of the total sales?

Iva
Yes..... 1
Le
No 2

☐ ₁
☐ ₂ } → B9

B9 L-azjenda hija rreġistrata mal-IACS?
Is the holding registered with IACS?

Iva
Yes..... 1
Le
No 2

☐ ₁ → B10
☐ ₂ → Sezzjoni C
Section C

B10 Agħti n-numru tal-karta ta' l-identità fuq min huwa rreġistrat ir-raba'.
Provide the Id card number on whom the land is registered.

SEZZJONI C/SECTION C

DWIELI, ŻEBBUĠ, ĊITRU U SIĠAR OĦRA/PERMANENT CROPS

		Jissaqqa/Irrigated		Kemm minnu (ha)/ How much is irrigated (ha)
Reba' (ha)/Land (ha)		Iva/ Yes	Le/ No	
C1	Dwiel/Vines			
	Total			
a)	Għall-inbid ta' kwalità For quality wine			
b)	Għall-inbid tal-mejda For table wine			
c)	Għeneb tal-mejda Table grapes			
C2	Żebbuġ/Olives			
	Total			
a)	Għall-mejda Table olives			
b)	Għall-ghasir For olive oil			
C3	Siġar ta' Ċitru/Citrus plantations			
	Total			
a)	Laring Oranges (incl. sweet oranges)			
b)	Lumi Lemons (incl. sweet lemons)			
c)	Ċitru ieħor Other citrus			
C4	Siġar tal-frott irqi u frott ieħor/Fruit and berry plantations			
	Total			
a)	Fawh Peaches			
b)	Oħrajn Other			

Saqqajt il- ahħar 12-il xahar/Did you irrigate in the last 12 months		Kemm saqqajt raba' (ha)/How much did you irrigate (ha)	Percenċaġ ta' raba' msaqqi b'dawn il-metodi ta' tiegħi/Percentage of irrigated land with the following irrigation methods					Speċifika/Specify
Iva/ Yes	Le/ No		Drip	Sprinkler	Konkav/ Surface Irrigation	Rain Gun	Metodu ieħor/Other method	
<input type="checkbox"/>	<input type="checkbox"/>							
<input type="checkbox"/>	<input type="checkbox"/>							
<input type="checkbox"/>	<input type="checkbox"/>							
<input type="checkbox"/>	<input type="checkbox"/>							
<input type="checkbox"/>	<input type="checkbox"/>							
<input type="checkbox"/>	<input type="checkbox"/>							
<input type="checkbox"/>	<input type="checkbox"/>							

SEZZJONI C/SECTION C (TKOMPLI /CONTINUED)
DWIELI, ŻEBBUĠ, ĊITRU U SIĠAR OĦRA/PERMANENT CROPS

		Jissaqqa/Irrigated		Kemm minnu jissaqqa (ha)/ How much is irrigated (ha)
Raba' (ha)/Land (ha)		Iva/ Yes	Le/ No	
C5	Nurseries			
	Total			
a)	Is-salvaġġ tad-dwiel Root-stock-vines	<input type="checkbox"/>	<input type="checkbox"/>	
b)	Lewż, svejġel oċċ. Root-stock-others	<input type="checkbox"/>	<input type="checkbox"/>	

SEZZJONI D/SECTION D
RABA' LI JINHADEM/ARABLE LAND

		Jissaqqa/Irrigated		Kemm minnu jissaqqa (ha)/ How much is irrigated (ha)
Raba' (ha)/Land (ha)		Iva/ Yes	Le/ No	
D1	Raba' mistrieħ/Set aside Land			
	Total			
a)	Bis-sussidju With subsidies	<input type="checkbox"/>	<input type="checkbox"/>	
b)	Bla sussidju Without subsidies	<input type="checkbox"/>	<input type="checkbox"/>	
D2	Mgħalef/ Forage			
	Total	<input type="checkbox"/>	<input type="checkbox"/>	
D3	Art mimlija bil-haxix li hija elegibbli għas-sussidju/Grass land that is eligible for subsidies			
	Total	<input type="checkbox"/>	<input type="checkbox"/>	
D4	Żerriegħa/xtleli/Seeds/plantings			
	Total			
a)	Fil-miftuħ In the open	<input type="checkbox"/>	<input type="checkbox"/>	
b)	Fis-serra Under shelter	<input type="checkbox"/>	<input type="checkbox"/>	

Saqqajt li- aħħar 12-il xahar/Did you irrigate in the last 12 months		Kemm saqqajt raba' (ha)/How much did you irrigate (ha)	Percenġaġ ta' raba' msaqqi b'dawn il-metodi ta' tisqija/Percentage of irrigated land with the following irrigation methods					
Iva/ Yes	Le/ No		Drip	Sprinkler	Konka/ Surface irrigation	Rain Gun	Metodu ieħor/Other method	Speċifika/Specify
<input type="checkbox"/>	<input type="checkbox"/>							
<input type="checkbox"/>	<input type="checkbox"/>							

Saqqajt li- aħħar 12-il xahar/Did you irrigate in the last 12 months		Kemm saqqajt raba' (ha)/How much did you irrigate (ha)	Percenġaġ ta' raba' msaqqi b'dawn il-metodi ta' tisqija/Percentage of irrigated land with the following irrigation methods					
Iva/ Yes	Le/ No		Drip	Sprinkler	Konka/ Surface irrigation	Rain Gun	Metodu ieħor/Other method	Speċifika/Specify
<input type="checkbox"/>	<input type="checkbox"/>							
<input type="checkbox"/>	<input type="checkbox"/>							
<input type="checkbox"/>	<input type="checkbox"/>							
<input type="checkbox"/>	<input type="checkbox"/>							
<input type="checkbox"/>	<input type="checkbox"/>							

SEZZJONI D/SECTION D (TKOMPLI /CONTINUED)
RABA' LI JINHADEM/ARABLE LAND

		Jlasqqa/Irrigated		Kemmi minnu jlasqqa (ha) How much is irrigated (ha)
Raba' (ha)/Land (ha)		Iva/ Yes	Le/ No	
D5	Fjuri u pjanti/Flowers and plants			
	Total			
a)	Fil-miftuh In the open	<input type="checkbox"/>	<input type="checkbox"/>	
b)	Fis-serra Under shelter	<input type="checkbox"/>	<input type="checkbox"/>	
D6	Patata/Potatoes			
	Total	<input type="checkbox"/>	<input type="checkbox"/>	
D7	Faxix, dulliegh, bettieh u frawli/Fresh vegetables, watermelons, melons and strawberries			
	Total			
a)	Fil-miftuh In the open	<input type="checkbox"/>	<input type="checkbox"/>	
b)	Fis-serra Under shelter	<input type="checkbox"/>	<input type="checkbox"/>	
D8	Raba' għall-użu personali/Kitchen gardens			
	Total			
a)	Dwieli Vines	<input type="checkbox"/>	<input type="checkbox"/>	
b)	Żebbuġ Olives	<input type="checkbox"/>	<input type="checkbox"/>	
c)	Siġar oħra Other trees	<input type="checkbox"/>	<input type="checkbox"/>	
d)	Patata Potatoes	<input type="checkbox"/>	<input type="checkbox"/>	
e)	Faxix, dulliegh, bettieh u frawli Fresh vegetables, watermelons, melons and strawberries	<input type="checkbox"/>	<input type="checkbox"/>	

Saqqajt fi- ahhar 12-il xahar/Did you irrigate in the last 12 months		Kemmi saqqajt raba' (ha)/How much did you irrigate (ha)	Perecentaġġ ta' raba' msaqqi b'dawn il-metodi ta' tisqija/Percentage of irrigated land with the following irrigation methods						Speċifika/Specify
Iva/ Yes	Le/ No		Drip	Sprinkler	Konkai Surface Irrigation	Rain Gun	Metodu ieħor/Other method		
<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/>	<input type="checkbox"/>								

SEZZJONI D/SECTION D (TKOMPLI /CONTINUED)**RABA' LI JINHADEM/ARABLE LAND****D9****Il-persentaġġ tar-raba' li fuqu sar rotazzjoni tal-prodott fl-aħħar tliet snin kien:***The percentage of arable land on which crop rotation was done in the last three years was:*

- | | | | |
|---------|------|--------------------------|---|
| a)..... | 0% | <input type="checkbox"/> | 1 |
| b)..... | >0%- | <input type="checkbox"/> | 2 |
| c)..... | ≥25 | <input type="checkbox"/> | 3 |
| d)..... | ≥50 | <input type="checkbox"/> | 4 |
| e)..... | ≥75 | <input type="checkbox"/> | 5 |
| f)..... | 100 | <input type="checkbox"/> | 6 |

SEZZJONI E/SECTION E**FAQQIEGH/MUSHROOMS**

E1 Total ft² Jew/Or m² Jew/Or ha

SEZZJONI F/SECTION F**ART OĦRA/OTHER LAND**

		Total	<input type="text"/>	ha
F1	Bini u strutturi <i>Building and structures</i>		<input type="text"/>	ha
F2	Raba' żdingat <i>Unutilised agricultural area</i>		<input type="text"/>	ha
F3	Raba' moxa/xagħri <i>Waste land</i>		<input type="text"/>	ha

SEZZJONI G/SECTION G

RABA' ORGANIKU/ORGANIC LAND

G1 Għandek raba' organiku jew raba' li qiegħed fil-proċess sabiex jinbidel f'raba' organiku?
Do you have any organic land or land which is in the process of being converted to organic?

Iva
Yes 1

Le
No 2

☐₁ → **G2**

☐₂ → **Sezzjoni H**
Section H

G2 Imla fejn japplika
Fill where applicable

	Organiku Organic (ha)	Fi stat ta' konverzjoni In the process of conversion (ha)
Total	<input type="text"/>	<input type="text"/>
a) Dwieli Vines	<input type="text"/>	<input type="text"/>
b) Żebbuġ Olives	<input type="text"/>	<input type="text"/>
c) Siġar taċ-Ċitru Citrus plantations	<input type="text"/>	<input type="text"/>
d) Siġar tal-frott irqiq Fruit and berry plantations	<input type="text"/>	<input type="text"/>
e) Mgħalef Forage	<input type="text"/>	<input type="text"/>
f) Żerriegħa/xtieli fil-miftuħ Seeds/plantings in the open	<input type="text"/>	<input type="text"/>
g) Fjuri u pjanti Flowers and plants	<input type="text"/>	<input type="text"/>
h) Patata Potatoes	<input type="text"/>	<input type="text"/>
i) Haxix, dullieġħ, bettieħ u frawli Fresh vegetables, watermelons, melons and strawberries	<input type="text"/>	<input type="text"/>

SEZZJONI H/SECTION H

DWIELI/VINES

H1 Dettalji tad-dwiel
Vineyards details

No.	Numru tal-parcell/Parcel Number	Tip ta' Raba'/Type of Tenure ^a	Id-daqs tal-parcell/Area under parcel (ha)	Raba' bi dwieli/Area under vines (ha)	Hxejlex/Sigar oħra/Other crops/plantations (ha)	Varjeta tad-dielja/Vine variety ^b	Klassifikazzjoni/Classification ^c
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

^a 1 - Raba' frank/Owner occupied
2 - Raba' bi qbiela/Leased

^b 1 - Gelswila
2 - Gigenlina
3 - Merlot
4 - Chardonnay
5 - Syrah
6 - Cabernet Sauvignon
7 - Grenache
8 - Cabernet Franc
9 - Vamertino
10 - Sauvignon Blanc
11 - Carignan
12 - Chenin blanc
13 - Montepulciano
14 - Moscato Bianco
15 - Moscato di Alessandria

16 - Muscat Hamburg
17 - Nero d'Avola
18 - Pinot Bianco
19 - Sangiovese
20 - Tempranillo
21 - Trebbiano
22 - Viognier
23 - Aglianico
24 - Albarino
25 - Aleatico
26 - Barbera
27 - Brachetto
28 - Carmenere
29 - Catarratto
30 - Falanghina
31 - Fiano

32 - Fiano aromatico
33 - Graciano
34 - Grecanico
35 - Greco Bianco
36 - Greco di Tufo
37 - Grillo
38 - Inzolia
39 - Lambrusco
40 - Malbec
41 - Malvasia
42 - Malvasia nera
43 - Montonico
44 - Manzoni Bianco
45 - Moscato Rosa d'Arancia
46 - Moscato giallo
47 - Mourvedre

48 - Negroamaro
49 - Petit Verdot
50 - Pinot Grigio
51 - Pinot noir
52 - Primitivo
53 - Riesling
54 - Tannat
55 - Traminer
56 - Uva di Troia
57 - Verdicchio

No.	Raba' bi-varjeta tad-dielja/Area under vine variety (ha)	Numru ta' dwieli/No. of vines	Sena meta nżerghu/Year of plantation	Eta' tad-dielja/Age of vine	Free form/Trellised ^d	Metodu ta' tliqija/Irrigation type ^e	L-istat tad-dweli/Vine status ^f	Użu prinċipali/Main utilisation ^g
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

^c 1 - Registrata għall-inbid ta' kwalità/Registered for quality wine
2 - Inbid tal-mejda/Table wine
3 - Għenab tal-mejda/Table grapes

^e 1 - Drip
2 - Metodu ieħor/Other method
3 - Mhux imsaqqi/Not irrigated

^f 1 - Qed jipproduċi/in production
2 - Mhux jintużaw u qed jistessu l-għwiel li qima/Not in use and awaiting 1st grafting
3 - Abbandunati u mhux idkultivati/Abandoned and not cultivated

^g 1 - Mibjugħ lil-ghassara u/jew tarzi persuni/Sold fresh to wineries and/or third persons
2 - Mibjugħ bħala għenab tal-mejda/Sold fresh as table grapes
3 - Proċessat li-azjenda għal-użu personali bħala inbid/Processed on the holding for self consumption
4 - Proċessat li-azjenda għal-użu kummerċjali/Processed on the holding for commercial use
5 - Għal-użu personali bħala għenab tal-mejda/Table grapes for self consumption

^d 1 - free form
2 - trellised

SEZZJONI H/SECTION H (TKOMPLI /CONTINUED)**DWIELI/VINES****H2** **Produzzjoni tal-ġheneb skond il-varjetà***Total grape production by variety*

Varjetà tal-ġheneb/ Grape variety	Mibjugħ lill- għassara u/jew terzi persuni/Sold fresh to wineries and/or third persons (kgs)	Mibjugħ bħala ġheneb tal- mejda/Sold fresh as table grapes (kgs)	Proċessat fl- azjenda għall-użu personali bħala inbid/Processed on the holding for self consumption (kgs)	Proċessat fl- azjenda għall-użu kummerċjali/ Processed on the holding for commercial use (kgs)	Għall-użu personali bħala ġheneb tal-mejda/ Table grapes for self consumption (kgs)

H3 **L-azjenda hija rreġistrata mas-sezzjoni tal-vitikultura?***Is the holding registered with the Viticulture Unit?*

Iva
Yes..... 1

Le
No 2

☐ ¹☐ ²**SEZZJONI I/SECTION I****TROBBIJA TA' ANIMALI/LIVESTOCK****I1** **L-azjenda trabbi animali?**
Does the holding rear animals?

Iva
Yes..... 1

Le
No 2

☐ ¹☐ ²→ **I2**→ **Sezzjoni L
Section L**

TROBBIJA TA' ANIMALI/LIVESTOCK

12	Żwiemel (inkludi żwiemel tat-tigrija) (fil-31-08-2010) <i>Equidae (including racing and riding horses) (on 31-08-2010)</i>		Numru <i>Number</i>
	Lokalità fejn jinżammu ż-żwiemel <i>Locality where horses are kept</i>		
13	Baqar u għoġġiela (fil-31-08-2010) <i>Bovine (on 31-08-2010)</i>		Numru ta' Liċenzja <i>Licence number</i>
	Lokalità fejn jinżammu l-baqar u l-għoġġiela <i>Locality where bovine are kept</i>		
	Total		Numru <i>Number</i>
	a) Rġiel taħt is-sena <i>Male bovine animals under 1 year old</i>		Numru <i>Number</i>
	b) Nisa taħt is-sena <i>Female bovine animals under 1 year old</i>		Numru <i>Number</i>
	c) Rġiel bejn sena u sentejn <i>Male bovine animals between 1 and 2 years old</i>		Numru <i>Number</i>
	d) Erieh bejn sena u sentejn mhux mgħammra <i>Heifers between 1 and 2 years old not mated</i>		Numru <i>Number</i>
	e) Erieh bejn sena u sentejn mgħammra <i>Heifers between 1 and 2 years old mated</i>		Numru <i>Number</i>
	f) Erieh bejn sena u sentejn għall-qatla <i>Heifers between 1 and 2 years old for slaughtering</i>		Numru <i>Number</i>
	g) Rġiel iktar minn sentejn (inkluz tat-tgħammir) <i>Male bovine animals 2 years and older (including breeding bulls)</i>		Numru <i>Number</i>
	h) Erieh iktar minn sentejn għall-qatla (eskludi baqar) <i>Heifers 2 years and older for slaughtering (excluding cows)</i>		Numru <i>Number</i>
	i) Erieh oħra iktar minn sentejn (eskludi baqar) <i>Other heifers 2 years and older (excluding cows)</i>		Numru <i>Number</i>
	j) Baqar tal-ħalib (inkludi baqar nexfin u baqar li sejrin għall-qatla) <i>Milking cows (including dry cows and cows to be slaughtered)</i>		Numru <i>Number</i>
	k) Baqar tas-simna (eskludi baqar tal-ħalib li sejrin għall-qatla) <i>Other cows (excluding milking cows to be slaughtered)</i>		Numru <i>Number</i>

<p>I4 Nagħaġ (fil-31-08-2010) <i>Sheep (on 31-08-2010)</i></p> <p>Lokalità fejn jinżammu n-nagħaġ <i>Locality where sheep are kept</i></p> <p style="text-align: right;">Total</p> <p>a) Nagħaġ li jehilbu <i>Milking ewes</i></p> <p>b) Nagħaġ nexfin (inkludi nagħaġ li sejrin għall-qatla) <i>Dry ewes (including ewes to be slaughtered)</i></p> <p>c) Ħrief irġiel <i>Male lambs</i></p> <p>d) Ħrief nisa mhux mgħammra <i>Female lambs not mated</i></p> <p>e) Għabajjar <i>Ewe lambs</i></p> <p>f) Imtaten <i>Rams</i></p>	<div style="border: 1px solid black; width: 100px; height: 30px; margin-bottom: 5px;"></div> <p>Numru ta' Liċenzja <i>Licence number</i></p> <div style="border: 1px solid black; width: 250px; height: 25px; margin-bottom: 5px;"></div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; width: 100px; height: 30px;"></div> <p>Numru <i>Number</i></p> </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; width: 100px; height: 30px;"></div> <p>Numru <i>Number</i></p> </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; width: 100px; height: 30px;"></div> <p>Numru <i>Number</i></p> </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; width: 100px; height: 30px;"></div> <p>Numru <i>Number</i></p> </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; width: 100px; height: 30px;"></div> <p>Numru <i>Number</i></p> </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; width: 100px; height: 30px;"></div> <p>Numru <i>Number</i></p> </div>
<p>I5 Mogħoż (fil-31-08-2010) <i>Goats (on 31-08-2010)</i></p> <p>Lokalità fejn jinżammu l-mogħoż <i>Locality where goats are kept</i></p> <p style="text-align: right;">Total</p> <p>a) Mogħoż li jehilbu <i>Milking goats</i></p> <p>b) Mogħoż nexfin (inkludi mogħoż li sejrin għall-qatla) <i>Dry goats (including goats to be slaughtered)</i></p> <p>c) Gidien irġiel <i>Male kids</i></p> <p>d) Gidien nisa mhux mgħammra <i>Female kids not mated</i></p> <p>e) Ewienaq <i>Goats mated for the first time</i></p> <p>f) Bdabad <i>Billy goats</i></p>	<div style="border: 1px solid black; width: 100px; height: 30px; margin-bottom: 5px;"></div> <p>Numru ta' Liċenzja <i>Licence number</i></p> <div style="border: 1px solid black; width: 250px; height: 25px; margin-bottom: 5px;"></div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; width: 100px; height: 30px;"></div> <p>Numru <i>Number</i></p> </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; width: 100px; height: 30px;"></div> <p>Numru <i>Number</i></p> </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; width: 100px; height: 30px;"></div> <p>Numru <i>Number</i></p> </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; width: 100px; height: 30px;"></div> <p>Numru <i>Number</i></p> </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; width: 100px; height: 30px;"></div> <p>Numru <i>Number</i></p> </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; width: 100px; height: 30px;"></div> <p>Numru <i>Number</i></p> </div>
<p>I6 In-nagħaġ u/jew mogħoż ħriġthom jirgħu fuq art li ma tagħmilx parti mill-azjenda dawn l-aħħar 12-il xahar? <i>Have the sheep/goats grazed on land not related to the holding in the last 12 months?</i></p> <p>Iva Yes..... 1</p> <p>Le No 2</p>	<div style="display: flex; align-items: center; margin-bottom: 10px;"> <input style="width: 20px; height: 20px; margin-right: 5px;" type="checkbox"/> → I7 </div> <div style="display: flex; align-items: center;"> <input style="width: 20px; height: 20px; margin-right: 5px;" type="checkbox"/> → I9 </div>
<p>I7 Kemm kellek nagħaġ u mogħoż jirgħu fuq din l-art? <i>How many sheep and goats grazed on this land?</i></p>	<div style="border: 1px solid black; width: 100px; height: 30px; margin-bottom: 5px;"></div> <p>Numru <i>Number</i></p>
<p>I8 Kemm damu jirgħu fuq din l-art? <i>How long did they graze for?</i></p>	<div style="border: 1px solid black; width: 100px; height: 30px; margin-bottom: 5px;"></div> <p>Ġranet <i>Days</i></p>

I9 Majjali (fil-31-08-2010) <i>Pigs (on 31-08-2010)</i> Lokali ta fejn jin z ammu l-majjali <i>Locality where pigs are kept</i> <div style="text-align: right;">Total</div> <div> a) Qzieqez tant l-20 kilo piz haj inkluz tat-twelid <i>Piglets having a live weight less than 20 kilos</i> b) hniezer bejn 20 u 50 kilo piz haj <i>Young pigs between 20 and 50 kilos liveweight</i> c) hniezer bejn 50 u 80 kilo piz haj <i>Fattening pigs between 50 and 80 kilos liveweight</i> d) hniezer bejn 80 u 110 kilo piz haj <i>Fattening pigs between 80 and 110 kilos liveweight</i> e) hniezer aktar minn 110 kilo piz haj <i>Fattening pigs more than 110 kilos liveweight</i> f) Fhula li qeghdin jintuzaw ghat-tghammir <i>Breeding boars</i> g) Fhula tat-tghammir mhux jintuzaw u ghall-qatla <i>Breeding boars no longer in use and for slaughter</i> h) Majjaliet mghammra aktar minn darba <i>Sows mated more than once</i> i) Qzieqez mghammra ghall-ewwel darba <i>Gilts mated for the first time</i> j) Majjaliet mhux jintuzaw u ghall-qatla <i>Breeding sows no longer in use and for slaughter</i> k) Qzieqez mhux mghammra <i>Gilts not mated</i> </div>	<div> <input type="text"/> Numru ta' Lienzja <i>Licence number</i> </div> <div> <input type="text"/> </div> <div> <input type="text"/> Numru <i>Number</i> </div> <div> <input type="text"/> Numru <i>Number</i> </div> <div> <input type="text"/> Numru <i>Number</i> </div> <div> <input type="text"/> Numru <i>Number</i> </div> <div> <input type="text"/> Numru <i>Number</i> </div> <div> <input type="text"/> Numru <i>Number</i> </div> <div> <input type="text"/> Numru <i>Number</i> </div> <div> <input type="text"/> Numru <i>Number</i> </div> <div> <input type="text"/> Numru <i>Number</i> </div> <div> <input type="text"/> Numru <i>Number</i> </div>
I10 Tjur (fil-31-08-2010) <i>Poultry (on 31-08-2010)</i> Lokali ta fejn jin z ammu t-tjur <i>Locality where poultry are kept</i> <div style="text-align: right;">Total</div> <div> a) Broilers <i>Broilers</i> b) Tigieg tal-bajd <i>Laying hens</i> c) Dundjani <i>Turkeys</i> d) Tjur ohra <i>Other poultry</i> <div style="margin-left: 40px;">li minnhom papri of which ducks</div> </div>	<div> <input type="text"/> Numru ta' Lienzja <i>Licence number</i> </div> <div> <input type="text"/> </div> <div> <input type="text"/> Numru <i>Number</i> </div> <div> <input type="text"/> Numru <i>Number</i> </div> <div> <input type="text"/> Numru <i>Number</i> </div> <div> <input type="text"/> Numru <i>Number</i> </div> <div> <input type="text"/> Numru <i>Number</i> </div>
I11 Fenkiet (li jitghammru biss) (fil-31-08-2010) <i>Rabbits, breeding females (on 31-08-2010)</i>	<div> <input type="text"/> Numru <i>Number</i> </div>
I12 Nahal (numru ta' kaxxi biss) (fil-31-08-2010) <i>Bees (number of hives only) (on 31-08-2010)</i>	<div> <input type="text"/> Numru <i>Number</i> </div>

SEZZJONI J/SECTION J

POST FEJN JINŻAMMU L-ANIMALI/ANIMAL HOUSING

J1 Baqar u għoġġiela:

Bovine:

- a) **Kemm għandek cubicles/sodod għall-baqar tal-halib u/jew baqar nexfin fejn:**
How many cubicles do you have for milking cows and/or dry cows where:

- i) Il-passaġġi huma magħmula bil-konkos
The passage ways are concrete
- ii) Il-passaġġi huma magħmula bl-ispralli/slats
The passage ways are slatted floors

Numru ta' sodod
Number of cubicles

- b) **Kemm għandek qtajja' u kemm tesa' kull qatgħa għall-baqar u/jew baqar nexfin fejn:**
How many boxes are there and what is the average per box for cows and/or dry cows where:

- i) Il-passaġġi huma magħmula bil-konkos
The passage ways are concrete
- ii) Il-passaġġi huma magħmula bl-ispralli/slats
The passage ways are slatted floors

Numru ta' qtajja'
Number of boxes

Medja kull qatgħa/
Average per box

- c) **Kemm għandek qtajja' u kemm tesa' kull qatgħa għall-ksiba fejn:**
How many boxes are there and what is the average per box for young stock where:

- i) Il-passaġġi huma magħmula bil-konkos; età tal-ksiba:
The passage ways are concrete; age of young stock:
- i) 0-2 xhur
0-2 months
- ii) 2-4 xhur
2-4 months
- iii) 4-6 xhur
4-6 months
- iv) 6-9 xhur
6-9 months
- v) 9-12 xhur
9-12 months
- vi) 12-18 xhur
12-18 months
- ii) Il-passaġġi huma magħmula bl-ispralli; età tal-ksiba:
The passage ways are slatted floors; age of young stock:
- i) 0-2 xhur
0-2 months
- ii) 2-4 xhur
2-4 months
- iii) 4-6 xhur
4-6 months
- iv) 6-9 xhur
6-9 months
- v) 9-12 xhur
9-12 months
- vi) 12-18 xhur
12-18 months

Numru ta' qtajja'
Number of boxes

Medja kull qatgħa
Average per box

J2 Majjali:

Pigs:

Nota: /Note:

Jekk il-bidwi għandu qtajja' għall-majjaliet imla (a). Jekk il-bidwi għandu gaġeġ għall-majjaliet imla (b). Jekk il-bidwi għandu qtajja' u gaġeġ għall-majjaliet imla (a) u (b).

If the pigs are kept in boxes fill in (a). If pigs are kept in cages fill in (b). If pigs are kept both in boxes and cages fill in (a) and (b).

<p>a) Kemm għandek qtajja' u kemm tesà kull qatgħa għall-qżieqez ħbiela u/jew majjaliet ħbiela/battala fejn: <i>How many boxes are there and what is the average per box for pregnant gilts/sows and/or dry sows where:</i></p> <p>i) L-art magħmula kollha spralli/slats <i>The floor is completed slatted</i></p> <p>ii) L-art magħmula parti spralli/slats u parti konkos <i>The floor is partially slatted</i></p> <p>iii) L-art magħmula kollha konkos <i>The floor is completely concrete</i></p>	<p>Numru ta' qtajja' Number of boxes</p> <div></div> <div></div> <div></div>	<p>Medja f'kull qatgħa Average per box</p> <div></div> <div></div> <div></div>
<p>b) Kemm għandek gaġeġ għall-qżieqez ħbiela u/jew majjaliet ħbiela/battala fejn: <i>How many cages do you have for pregnant gilts/sows and/or dry sows where:</i></p> <p>i) L-art magħmula kollha spralli/slats <i>The floor is completed slatted</i></p> <p>ii) L-art magħmula parti spralli/slats u parti konkos <i>The floor is partially slatted</i></p> <p>iii) L-art magħmula kollha konkos <i>The floor is completely concrete</i></p>		<p>Numru ta' gaġeġ Number of cages</p> <div></div> <div></div> <div></div>
<p>c) Kemm għandek gaġeġ għall-majjaliet biex iwelldu fejn: <i>How many cages do you have for farrowing sows where:</i></p> <p>i) L-art magħmula kollha spralli/slats <i>The floor is completed slatted</i></p> <p>ii) L-art magħmula parti spralli/slats u parti konkos <i>The floor is partially slatted</i></p> <p>iii) L-art magħmula kollha konkos <i>The floor is completely concrete</i></p>		<p>Numru ta' gaġeġ Number of cages</p> <div></div> <div></div> <div></div>
<p>d) Kemm għandek qtajja' u kemm tesa' kull qatgħa għall-majjali fil-weaner pool fejn: <i>How many boxes are there and what is the average per box for young pigs where:</i></p> <p>i) L-art magħmula kollha spralli/slats <i>The floor is completed slatted</i></p> <p>ii) L-art magħmula parti spralli/slats u parti konkos <i>The floor is partially slatted</i></p> <p>iii) L-art magħmula kollha konkos <i>The floor is completely concrete</i></p>	<p>Numru ta' qtajja' Number of boxes</p> <div></div> <div></div> <div></div>	<p>Medja f'kull qatgħa Average per box</p> <div></div> <div></div> <div></div>

J2 Majjali: (tkompli)*Pigs: (continued)*

- e) **Kemm għandek qtajja' u kemm tesa' kull qatgħa għall-majjali tas-simna fejn:**
How many boxes are there and what is the average per box for fattening pigs where:

- i) L-art magħmula kollha spralli/slats
The floor is completed slatted
- ii) L-art magħmula parti spralli/slats u parti konkos
The floor is partially slatted
- iii) L-art magħmula kollha konkos
The floor is completely concrete

Numru ta' qtajja'
Number of boxes

Medja kull qatgħa
Average per box

- f) **Kemm għandek qtajja' għall-fhula fejn:**
How many boxes do you have for boars where:

- i) L-art magħmula kollha spralli/slats
The floor is completed slatted
- ii) L-art magħmula parti spralli/slats u parti konkos
The floor is partially slatted
- iii) L-art magħmula kollha konkos
The floor is completely concrete

Numru ta' qtajja'
Number of boxes

Medja kull qatgħa
Average per box

J3 Tiġieġ tal-bajd: Il-maħżen kemm jesa' tiġieġ tal-bajd miżmumin:*Laying hens: Number of laying hens kept in:*

- i) Ġo gaġeġ li minn taħt jgħaddi t-tapit għad-demel
Battery cage with manure belt
- ii) Ġo gaġeġ fejn id-demel jaqà fi trays
Other battery cages

Numru
Number

Numru
Number

SEZZJONI K / SECTION K**IMHAŻEN TAD-DEMEL / MANURE STORAGE****K1 L-azjenda għandha:***Does the holding have:*

- a) Demmiela fuq art tal-konkos
Solid dung on concrete floor
- b) Fossa għad-demel likwidu
Storage for liquid manure
- c) Fossa għas-slurry
Storage for slurry

Iva
Yes

Le
No

<input type="checkbox"/> ₁	} → K2	<input type="checkbox"/> ₂	} → K3
<input type="checkbox"/> ₁		<input type="checkbox"/> ₂	
<input type="checkbox"/> ₁		<input type="checkbox"/> ₂	

K2 Dawn huma mgħottijin?*Are these covered?*

- a) Demmiela fuq art tal-konkos
Solid dung on concrete floor
- b) Fossa għad-demel likwidu
Storage for liquid manure
- c) Fossa għas-slurry
Storage for slurry

Iva
Yes

Le
No

<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
<input type="checkbox"/> ₁	<input type="checkbox"/> ₂

SEZZJONI K/SECTION K (TKOMPLI/CONTINUED)**IMHAŻEN TAD-DEMEL/MANURE STORAGE**

K3 Il-persentaġġ tad-demel li tneħħa mill-azjenda dawn l-aħħar 12-il xahar bejn wieħed u ieħor kien:
The percentage of total manure that was removed from the holding in the last 12 months was approximately:

- | | | | |
|------------------------------|---|--------------------------|---|
| a) 0% (ma tneħħa xejn) | 1 | <input type="checkbox"/> | 1 |
| b) >0 - <25%..... | 2 | <input type="checkbox"/> | 2 |
| c) ≥25% - <50%..... | 3 | <input type="checkbox"/> | 3 |
| d) ≥50% - <75%..... | 4 | <input type="checkbox"/> | 4 |
| e) ≥75% - <100%..... | 5 | <input type="checkbox"/> | 5 |
| f) 100% (tneħħa kollu)..... | 6 | <input type="checkbox"/> | 6 |

SEZZJONI L/SECTION L**MAKKINARJU U TAGHMIR GĦALL-KULTIVAZZJONI TAL-ART/MACHINERY AND EQUIPMENT**

L1 Makkinarju tal-azjenda fil-31-08-2010
Machinery belonging to the holding on 31-08-2010

- | | | |
|--|----------------------|-------------------------------|
| a) Tractors
<i>Four-wheel tractors, track-laying tractors</i> | <input type="text"/> | Numru
<i>Number</i> |
| b) Muturi tal-ħart
<i>Cultivators, hoeing machines, rotary hoes, and motor mowers</i> | <input type="text"/> | Numru
<i>Number</i> |
| c) Combine harvesters
<i>Combine harvesters</i> | <input type="text"/> | Numru
<i>Number</i> |
| d) Harvesters oħrajn
<i>Other fully mechanised harvesters</i> | <input type="text"/> | Numru
<i>Number</i> |

L2 Makkinarju użat minn diversi azjendi, jew makkinarju ta' kuntrattur użat f'dawn l-aħħar 12-il xahar
Machinery used by several holdings or by a service supply agency in the last 12 months

- | | Iva
<i>Yes</i> | Le
<i>No</i> |
|--|----------------------------|----------------------------|
| a) Tractors
<i>Four-wheel tractors, track-laying tractors</i> | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 |
| b) Muturi tal-ħart
<i>Cultivators, hoeing machines, rotary hoes, and motor mowers</i> | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 |
| c) Combine harvesters
<i>Combine harvesters</i> | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 |
| d) Harvesters oħrjan
<i>Other fully mechanised harvesters</i> | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 |

L3 L-azjenda għandha tagħmir biex tipproduċi enerġija alternattiva:
The holding has equipment to produce alternative energy:

- | | Iva
<i>Yes</i> | Le
<i>No</i> |
|--------------------------------|----------------------------|----------------------------|
| a) Mir-riħ
<i>From wind</i> | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 |
| b) Mix-xemx
<i>By solar</i> | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 |

SEZZJONI M / SECTION M

ĦADDIEMA / FARM LABOUR FORCE

(immarka ✓ fejn japplika) / (tick ✓ where applicable)

M1. Ħaddiema tal-familja u ħaddiema REGOLARI mhux tal-familja Family workers and REGULAR non-family workers	Sess/Sex		Manager/Manager	Eta'/Age	Taħriġ agrikolu tal-Manager ^{1/} Agricultural training of the Manager	Fl-aħħar 12-il xahar il-manager irċieva taħriġ vokazzjonali ^{2/} Manager received vocational training in the last 12 months	Sigħat maħduma fis-sena Hours worked per year												Ħaddiema għandhom xogħol ieħor bħala xogħol ^{2/} : Do workers have another job as:		Dan ix-xogħol huwa relatat max-xogħol agrikolu ^{2/} /Is this work related to agricultural work
	Raġel/Male	Mara/Female					0	>0-<1 week	1-<2 weeks	2-<4 weeks	4-<8 weeks	8-<12 weeks	3-6 months	6-9 months	9-12 months	>=1800	Principali/Major	Sussidjarju/Subsidiary			
a) Is-sid Holder																					
b) Ir-raġel/mara tas-sid Sole holder's spouse																					
c) Manager f'każ ta' kumpanija Manager in case of a company																					
d) Membri oħra tal-familja (>=16yrs) Other family members (>=16yrs)																					
e) Membri oħra tal-familja (>=16yrs) Other family members (>=16yrs)																					
f) Membri oħra tal-familja (>=16yrs) Other family members (>=16yrs)																					
g) Membri oħra tal-familja (>=16yrs) Other family members (>=16yrs)																					
h) Ħaddiema regolari mhux tal-familja Regular non-family workers																					
i) Ħaddiema regolari mhux tal-familja Regular non-family workers																					
j) Ħaddiema regolari mhux tal-familja Regular non-family workers																					
k) Ħaddiema regolari mhux tal-familja Regular non-family workers																					

¹ 1 - Esperjenza Prattika/Practical agricultural experience
2 - Taħriġ bażiku/Basic agricultural training
3 - Taħriġ agrikolu sħiħ/Full agricultural training

² 1 - Iva/Yes
2 - Le/No

M2 L-istat professjonali*Professional status***Nota:/ Note:****Imla BISS jekk il-persuna ta' referenza għandu xogħol ieħor.***Fill ONLY if the holder has another job.***a) X'inhu l-istat professjonali tal-persuna ta' referenza?***What is the professional status of the reference person?*

i) Għal rasi u nħaddem lil ħaddieħor

Self-employed with employees 1☐ 1

ii) Għal rasi iżda mingħajr ħaddiema

Self-employed without employees 2☐ 2

iii) Impjegat/a

Employee 3☐ 3**b) X'inhu t-titlu uffiċjali? (eż. *Machine Operator*, *Direttur ta' kumpanija*, *Bennej/Naġġar*, eċċ.)***What is the job title? (e.g. Machine operator, Company director, Stone dresser, etc.)***M3****Ħaddiema mhux tal-familja li MHUMIEX REGOLARI, ħaddiema każwali**
Non-family NON-REGULAR workers, casual workers

a) Ħaddiema mhux tal-familja mhux regolari RĠIEL

*Non-family non-regular MALES***Numru ta' granet**
*Number of days***Numru ta' sigħat fil-
għurnata**
*Number of hours per day***Total ta' sigħat**
Total hours

b) Ħaddiema mhux tal-familja mhux regolari NISA

*Non-family non-regular FEMALES***M4****Kuntratturi agrikoli**
Agricultural contractors

a) Servizzi minn kuntratturi agrikoli

*Agricultural contractors services***Numru ta' granet**
*Number of days***Numru ta' sigħat fil-
għurnata**
*Number of hours per day***Total ta' sigħat**
*Total hours***M5****L-azjenda għandha attivitajiet oħra ta' skop kummerċjali:***Other gainful activities, directly relating to the holding:*

a) Fl-ipproċessar ta' prodotti? (eż. Għeneb għall-inbid, żebbuġ għaž-žejt, ħalib għall-ġbejniet, tadam għat-tadam imqadded)

*Processing of farm products? (e.g. grapes for wine, olives for olive oil, milk for cheese, tomatoes for sundried tomatoes)***Iva**
*Yes***Le**
No☐ 1

→ M7

☐ 2→ Sezzjoni N
Section N

b) F'xogħol kuntrattwali?

Contractual work?☐ 1

→ M6

☐ 2**M6****Ix-xogħol kuntrattwali ġie pprovdut lil xi azjenda oħra:***Contractual work undertaken on another:*

Agrikola

Agricultural holding..... 1☐ 1

Mhux agrikola

Non-agricultural holding..... 2☐ 2

→ M7

M7 Il-persentaġġ ta' bejgħ mill-ipproċessar u/jew xogħol kuntrattwali mill-bejgħ totali tal-azjenda kien:

The percentage of processing sales and/or contractual work out of the total sales of the holding was:

- a) $\geq 0 - \leq 10\%$ 1
b) $> 10\% - \leq 50\%$ 2
c) $> 50\% - < 100\%$ 3

☐₁
☐₂
☐₃

SEZZJONI N/SECTION N

ASPETTI AMBJENTALI/LANDSCAPE FEATURES

	Iva Yes	Le No
N1 Għandek borduri tas-siġar fir-raba'? <i>Do you have trees as border lines?</i>	<input type="checkbox"/> ₁ → N2	<input type="checkbox"/> ₂ → N4
N2 Dawn is-siġar kienu miżmumin fl-aħħar tliet snin? <i>Were these trees maintained in the last 3 years?</i>	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
N3 Kien hemm xi siġar li ġew imħawla dawn l-aħħar tliet snin? <i>Were any trees planted in the last 3 years?</i>	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
N4 Għandek ħitan tas-sejjieħ fir-raba'? <i>Do you have rubble walls in your land?</i>	<input type="checkbox"/> ₁ → N5	<input type="checkbox"/> ₂ → Sezzjoni O Section O
N5 Il-ħitan tas-sejjieħ eżistenti kienu miżmumin fl-aħħar tliet snin? <i>Were the existing rubble walls maintained in the last 3 years?</i>	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
N6 Kien hemm xi ħitan tas-sejjieħ li nbnew dawn l-aħħar tliet snin? <i>Were any rubble walls built in the last 3 years?</i>	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂

SEZZJONI O/SECTION O

SORS TA' L-ILMA/SOURCE OF WATER

O1 L-azjenda għandha ġwiebi? <i>Does the holding have water reservoirs?</i> Iva Yes..... 1 Le No 2	<input type="checkbox"/> ₁ → O2 <input type="checkbox"/> ₂ → O3												
O2 Agħti l-qisien tal-ġwiebi tiegħek <i>Provide the details of the water reservoirs</i> Ġiebja 1 <i>Water reservoir 1</i> Ġiebja 2 <i>Water reservoir 2</i> Ġiebja 3 <i>Water reservoir 3</i>	<table border="1"> <thead> <tr> <th>Tul Length Feet</th> <th>Wisgħa Width Feet</th> <th>Għoli Height Feet</th> </tr> </thead> <tbody> <tr><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td></tr> <tr><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td></tr> <tr><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td></tr> </tbody> </table>	Tul Length Feet	Wisgħa Width Feet	Għoli Height Feet	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Tul Length Feet	Wisgħa Width Feet	Għoli Height Feet											
<input type="text"/>	<input type="text"/>	<input type="text"/>											
<input type="text"/>	<input type="text"/>	<input type="text"/>											
<input type="text"/>	<input type="text"/>	<input type="text"/>											
F'każ ta' ġiebja tonda <i>In case of round reservoir</i> Ġiebja 4 <i>Water reservoir 4</i> Ġiebja 5 <i>Water reservoir 5</i>	<table border="1"> <thead> <tr> <th>Dijametru Diameter Feet</th> <th>Għoli Height Feet</th> </tr> </thead> <tbody> <tr><td><input type="text"/></td><td><input type="text"/></td></tr> <tr><td><input type="text"/></td><td><input type="text"/></td></tr> </tbody> </table>	Dijametru Diameter Feet	Għoli Height Feet	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>						
Dijametru Diameter Feet	Għoli Height Feet												
<input type="text"/>	<input type="text"/>												
<input type="text"/>	<input type="text"/>												
O3 L-azjenda biex isaqqi tuża ilma: <i>Does the holding irrigate:</i> a) Minn borehole/spiera <i>From boreholes</i> b) Mill-ġibjun/ilqugħ li jimtela bl-ilma tax-xita <i>From reservoir/dam filled in with rain water</i> c) Tal-gvern <i>From government main</i> d) Tal-bowser mixtri minn azjenda oħra <i>Purchases water with a bowser</i> e) Mill-impjant ta' Sant'Antnin <i>Treated Waste water</i>	<table border="1"> <thead> <tr> <th>Iva Yes</th> <th>Le No</th> </tr> </thead> <tbody> <tr><td><input type="checkbox"/>₁</td><td><input type="checkbox"/>₂</td></tr> <tr><td><input type="checkbox"/>₁</td><td><input type="checkbox"/>₂</td></tr> <tr><td><input type="checkbox"/>₁</td><td><input type="checkbox"/>₂</td></tr> <tr><td><input type="checkbox"/>₁</td><td><input type="checkbox"/>₂</td></tr> <tr><td><input type="checkbox"/>₁</td><td><input type="checkbox"/>₂</td></tr> </tbody> </table>	Iva Yes	Le No	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
Iva Yes	Le No												
<input type="checkbox"/> ₁	<input type="checkbox"/> ₂												
<input type="checkbox"/> ₁	<input type="checkbox"/> ₂												
<input type="checkbox"/> ₁	<input type="checkbox"/> ₂												
<input type="checkbox"/> ₁	<input type="checkbox"/> ₂												
<input type="checkbox"/> ₁	<input type="checkbox"/> ₂												

SEZZJONI P/SECTION P

FRIT U APPLIKAZZJONI TA' DEMEL/PLOUGHING AND APPLICATION OF MANURE

P1 Fratt fl-aħħar 12-il xahar? <i>Did you plough in the last 12 months?</i> Iva Yes..... 1 Le No 2	<input type="checkbox"/> ₁ → P2 <input type="checkbox"/> ₂ → P3
--	--

SEZZJONI P/SECTION P (TKOMPLI/CONTINUED)

FRIT U APPLIKAZZJONI TA' DEMEL/PLOUGHING AND APPLICATION OF MANURE

P2 Kemm hratt raba'? (eskludi raba' għall-użu personali u serer) <i>How much did you plough? (excluding kitchen gardens and land under shelter)</i>	<div style="border: 1px solid black; width: 120px; height: 40px; display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; width: 80px; height: 30px;"></div> <div style="margin-left: 10px;">ha</div> </div>
P3 Applikajt demel tal-annimali fuq ir-raba'? <i>Did you apply solid/farmyard manure on the land?</i> Iva Yes..... 1 Le No 2	<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <input type="checkbox"/> ₁ → P4 <input type="checkbox"/> ₂ → P6 </div> </div>
P4 Fuq kemm raba' applikajt demel tal-annimali? <i>On how much land was solid/farmyard manure applied?</i>	<div style="border: 1px solid black; width: 120px; height: 40px; display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; width: 80px; height: 30px;"></div> <div style="margin-left: 10px;">ha</div> </div>
P5 Kemm domt biex hratt wara li ferrixt id-demel tal-annimali? <i>How much time was taken for ploughing after solid/farmyard manure application?</i> a) < 1hr 1 b) 1 - < 4hr 2 c) 4 - < 24hr 3 d) ≥ 24hr 4	<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <input type="checkbox"/> ₁ <input type="checkbox"/> ₂ <input type="checkbox"/> ₃ <input type="checkbox"/> ₄ </div> </div>
P6 Applikajt slurry fuq ir-raba'? <i>Did you apply slurry (liquid manure) on the land?</i> Iva Yes..... 1 Le No 2	<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <input type="checkbox"/> ₁ → P7 <input type="checkbox"/> ₂ → Sezzjoni Q <div style="margin-left: 10px;">Section Q</div> </div> </div>
P7 Fuq kemm raba' applikajt slurry? <i>On how much land was slurry (liquid manure) applied?</i>	<div style="border: 1px solid black; width: 120px; height: 40px; display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; width: 80px; height: 30px;"></div> <div style="margin-left: 10px;">ha</div> </div>
P8 Kemm domt biex hratt wara li ferrixt is-slurry? <i>How much time was taken for ploughing after slurry (liquid manure) application?</i> a) < 1hr 1 b) 1 - < 4hr 2 c) 4 - < 24hr 3 d) ≥ 24hr 4	<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <input type="checkbox"/> ₁ <input type="checkbox"/> ₂ <input type="checkbox"/> ₃ <input type="checkbox"/> ₄ </div> </div>

SEZZJONI Q/SECTION Q**GHAJNUNA FI ŻVILUPP RURALI /SUPPORT FOR RURAL DEVELOPMENT****Q1****L-azjenda bbenifikat minn għajjuna finanzjara fl-aħħar tliet snin***Did the holding benefit from financial assistance in the last three years***Iva**
Yes**Le**
No

- a) Użu ta' servizzi konsultattivi għall-irziezet
Use of advisory services
- b) Modernizzar ta' azjendi agrikoli
Modernisation of agricultural holdings
- c) Żieda fil-valur tal-prodotti agrikoli
Adding value to agriculture and forestry products
- d) *Meeting standards*
Meeting standards
- e) Bdiewa li jipparteċipaw fi skemi ta' prodotti ta' kwalità
Participation of farmers in food quality schemes
- f) Pagamenti għal Natura 2000 għal żoni agrikoli
Natura 2000 payments for agricultural area
- g) Pagamenti marbuta mad-direttiva tal-ilma
Payments linked to the water framework directive
- h) Pagamenti Agro-ambjentali
Agri-environment payments
- Li minnhom jikkonċernaw biedja organika
Of which in the framework of organic farming
- i) Farsien tal-animali
Animal welfare payments
- j) Diversifikazzjoni f'attivitajiet mhux agrikoli
Diversification into non-agricultural activities
- k) Inizjattivi għal attivitajiet turistiċi
Encouragement for tourism activities

☐ ₁☐ ₂☐ ₁☐ ₂☐ ₁☐ ₂☐ ₁☐ ₂☐ ₁☐ ₂☐ ₁☐ ₂☐ ₁☐ ₂☐ ₁☐ ₂☐ ₁☐ ₂☐ ₁☐ ₂☐ ₁☐ ₂☐ ₁☐ ₂☐ ₁☐ ₂

[illegible]

GRAZZI – THANK YOU