



*NATIONAL STATISTICAL SERVICE OF THE
REPUBLIC OF ARMENIA*



THE RA AGRICULTURAL CENSUS
2014

Approved

By the resolution of the State Council on Statistics of the RA No 34-A
dated 4 July, 2014

*INSTRUCTION
ON THE COMPLETION OF 1-AC QUESTIONNAIRE AND
APPENDICES OF THE AGRICULTURAL CENSUS DURING THE
AGRICULTURAL CENSUS 2014 OF THE RA*

COMPLETION OF **1-AC** QUESTIONNAIRE OF THE AGRICULTURAL CENSUS
DURING THE AGRICULTURAL CENSUS 2014 OF THE RA

Completion of the address part

Completion of the agricultural census (hereinafter AC) **1-AC questionnaire** begins with the address part.

First of all, the numbers of the “**residential unit**” and “**questionnaire**” are completed which must be numbered by common numerical order within the enumeration area. The relevant numbers of **enumeration, instruction and registration (census) areas** are also entered in the address part, which are preliminary provided to the enumerator by the instructor-controller.

If more than one household live in one residential area (run a separate agriculture), separate questionnaires of the same residential area with different questionnaire numbers are prepared.

SECTION I. GENERAL INFORMATION ON THE HOUSEHOLD

Name of the **region, community and residential area**, as well the address of the given household (avenue, street, alley, house number), phone number and the electronic address, if available are completed in this chapter of the questionnaire.

Before the survey the enumerator must clarify which of the household members is able to provide correct answers and conduct the survey with him/her.

Attention – the enumerator may prompt to the interviewee that the latter may use relevant sources (documents), if necessary, to provide the correct answer (shall the interviewee not remember the correct number or has doubts).

The name and surname of the **head of the household** is completed through inquiry.

In order to answer the question “**Who manages agricultural work of the household?**” it is necessary to select one of the options from “**head of the household**”, “**other household member**” or “**another person**” and mark in the relevant box (X).

Depending on where the enumerator has completed the questionnaire of the given household, it is necessary to mark (X) in the relevant box for “for rural household”, “urban household” or “for a horticulture company member household”.

During **this census** lands that belong to a horticulture company member household are considered as **backyard plots** and data on their size are calculated in the corresponding columns of the questionnaire on backyard.

Data on lands, livestock, agricultural equipment, buildings/constructions, etc. for the given household are collected regardless of whether they belong to the head of the household, other household member or household members with the right of common ownership.

Attention – the enumerator should read all questions of the questionnaire with all options of their answers as it is written in the questionnaire as each row and column of the tables for each question implies an answer. The relevant number is written in the tables that require digital indicators and “0” is marked in case of their absence.

In the tables that require (X) marks for the possible answer, “0” is not required to be written when the indicator is missing; the cells with no answers will remain blank.

SECTION II. HOUSEHOLD LANDS

General information on agricultural lands

Agricultural land is used for agricultural production. Agricultural land is divided into **arable lands, perennial crop plantations, hayfields, pastures and other forms of land.**

According to the functional significance of separate agricultural lands -

“arable land” is the land systematically cultivated and used under agricultural crops including sowing and ploughed land of perennial fodder plants (grass/herbs).

“perennial crop plantings” - Orchard and berry field, and vineyard

Lands under **orchards and berry fields**, irrespective of whether they are newly founded or at fruit-bearing age, and were established to yield fruits and berries, as well as areas of fruit and berry nurseries.

Vineyard - lands under vineyards, irrespective of whether they are newly founded or at fruit-bearing age, and were established to yield grapes, as well as areas of grapevine nurseries.

“hayfield” - Lands regularly (systematically) used for haymaking.

“pastures” - Lands under natural or sown grass fit for regular (systematic) grazing of the livestock and not used for haymaking.

“other lands” - lands intended for agricultural purposes, yet unused for agricultural production – saline soils, sand lands, gorges, ravines, rocky land areas, as well as field roads, etc.

“backyard” - Lands allocated to the household (family) for dwelling within the administrative territory of the settlement, with the right of ownership or other forms of use (for free).

Within the current census the area of the backyard is calculated fully, i.e. the total of the area of buildings/facilities on the land and the area used for agricultural purposes (i.e. the territory used for crop cultivation or where there are perennial plantings – fruit trees, berries and vineyards irrespective of whether they are newly founded or at fruit-bearing age).

Question 8. The number of household lands (plots) and their area (including in other communities/settlements)

As of 10.10.2014

Within the current instruction “Lands” mean agricultural, backyard and lands of other significance, and the notion of “renting” implies paid, unpaid renting and/or on other basis.

To answer the question “8.1. Does the household possess lands (owned, rented – paid, unpaid and on other basis, rented out)?” the enumerator must clarify whether the household has owned and/or rented (paid, unpaid and on other basis) and rented out lands both in the given and other communities and/or settlements. If so, the enumerator should mark (X) in the cell for “Yes” and complete relevant rows and columns of **Table 1**.

If not, (X) is marked under the cell “No” and the enumerator passes on to the questions of Section VI.

The columns 1-3 of **Table 1** are completed under the row “**Owned lands, total**” /code 01/ according to the required information.

The total number of household owned land plots is filled in column 1, the total area in column 2 of the same row, and in column 3 the area of owned lands in other communities/settlements is separated out from the total area.

Data on agricultural lands owned by the household are completed in columns 1-3 under **Table 1** “of which agricultural lands” /code 02/.

Data on backyard lands owned by the household are completed in columns 1-3 under **Table 1** “of which backyard lands”.

Data on **rented lands** – paid, unpaid and on other basis, and **rented out lands** – paid, unpaid and on other basis under **Table 1** are completed with the same principle as in owned lands.

Both owned and rented lands of the household may consist of several plots.

While completing the relevant indicators, one must consider the fact that the same land plot may consist of various parts, some may be arable lands and others may be perennial plantings. In this case, it must be considered as one land plot and the total area of the land plot is marked in hectares with 0.00 accuracy in column 2 of the relevant row of the table.

Attention - if during the completion of **Table 1** of question 8 the enumerator finds out that the household has lands in other communities/settlements, he/she must complete the **appendix of 1-AC questionnaire** after completing chapter IV of **1-AC questionnaire**.

In addition, if there is/are land/lands in a number of other communities/settlements, the same number of appendices must be completed for each community/settlement.

If the household has not owned and/or rented agricultural lands, only data on backyard and other lands are completed for columns 2,3 and 4 under questions 9, 10 and 11, and afterwards the questionnaire is completed according to the sequence of corresponding sections of the questionnaire.

Question 9. Total areas of household lands according to the types of ownership
(in the given community/settlement)
as of 10.10.2014

In the column 1 on “Owned lands” of table 2 data on household owned (including rented out) and agricultural land areas in the **dwellings** in the territory of the **community/settlement** at the time of the survey is completed by hectares with 0.00 accuracy according to relevant rows (*arable land /code10/, orchard (including plantings) /code 11/, berry field (including plantings) /code 12/, vineyard (including plantings) /code13/, hayfield /code14/ and pasture /code15/*).

“**Agricultural lands, total**” /code 16/ - code 10 + code 11 + code 12+ ...+ code 15, the totals of relevant rows of column 1 are completed in the 1st column.

Attention:

Arable land includes the areas of arable lands on which agricultural crops have been sown or left under all types of fallow lands as well as unused arable lands of the household.

Orchards (including plantings), berry fields (including plantings) and vineyards (including plantings) are the areas of orchards, berry fields and vineyards where cultivating, growing plants and/or harvesting activities are carried out as well as unused areas of the households.

Hayfield and pasture are areas of natural hayfields and pastures that are owned by the household regardless of their purposeful use.

Data on household backyard lands are completed under “**Backyard lands**” /code 17/ according to the relevant columns.

Data on other lands are completed under “**Other lands**” /code 18/ according to relevant columns.

Data on total household lands in hectares with 0.00 accuracy are completed under “**Lands, total**”/code 19/ (16+17+18) according to relevant columns.

Data on household rented land areas (paid, unpaid or on other basis) that are in the household **dwelling** in the territory of the **community/settlement** at the time of the query and regardless of its use by the household must be completed in **the column 2 “rented lands” of Table 2** in hectares with 0.00 accuracy.

Data on lands rented out by the household (paid, unpaid or on other basis) that are in the household **dwelling** in the territory of the **community/settlement** at the time of the query must be separated according to the relevant rows and completed in **the column 2 “rented out lands” of Table 2** in hectares with 0.00 accuracy.

Data on the total of household **owned** (including rented out lands) and **rented land areas** and the difference of the rented out lands are calculated and completed in **column 4 “Total lands (1+2-3)” under Table 2.**

SECTION III. SOWN AREAS OF AGRICULTURAL CROPS AND PERENNIAL PLANTING AREA

General information on sown areas of agricultural crops

Sown areas of agricultural crops means actually sown areas for growing all types of agricultural crops on arable land, inter-row areas of orchards and vineyards, including reseeded and intercropping areas in the reporting period.

The data on sown areas of agricultural crops is the total of sown crops on owned lands without rented out lands and the crops sown on rented (paid, unpaid or on other basis) lands.

Thus, if the crops have been sown on one or several land plots irrespective of whether there are located in the same or different settlements of the given community, the data on the given sown area of crops must include the total area of sowings on all land plots.

Question 10. Sown area

(in the given community/settlement in rented out and rented lands)

(01.08.2013 – 31.07.2014)

In column 1 of “**Lands in field, ha**” part of **Table 3** data on total sowing on lands (including rented) of the household in the given community/settlement are completed according to relevant rows (according to types of agricultural crops stated in the questionnaire) with 0.00 ha accuracy.

The relevant rows of column 2 of the part “**of which actually irrigated**” must be completed with information on areas of the total crop sowing areas that have been actually irrigated.

Actually irrigated are the areas which, regardless of being considered as irrigated or not, have been irrigated from any source (irrigation networks, artesian waters, lakes, etc.) and by any method (artificial rainfall, dripping, furrow, etc.).

Lands irrigated naturally (rain and other natural precipitation) are not considered actually irrigated lands.

Date (m²) on sowing on backyard lands of the household are completed according to relevant rows (according to types of agricultural crops stated in the questionnaire) of column 3 of “**Backyard lands, m²**” of part 3 of table 3.

The rows relevant to the types of “**Cereal crops**” (wheat (*autumn sowing, spring sowing*), barley (*autumn sowing, spring sowing*), spelt, corn for grains, etc.) are completed in the following way:

Sowing areas of autumn crops include lands that were sown in autumn and were maintained till the end of spring sowing without destroyed areas.

Destroyed autumn crop areas are the areas that were re-sown by spring crops or were completely destroyed by the beginning of the spring sowing and were not reseeded.

The sowing area of “**Autumn wheat**”/code 01/ is the area where wheat is sown in autumn and it is maintained till the end of spring sowing.

The sowing area of “**Spring wheat**” /code 02/ is the area where wheat is sown in spring.

The sowing area of “**Autumn barley**”/code 03/ is the area where barley is sown in autumn and it is maintained till the end of spring sowing.

The sowing area of “**Spring barley**” /code 04/ is the area where barley is sown in spring.

The sowing area of “**Spelt**” /code 05/ is the area where spelt is sown in spring.

The sowing area of “**Corn for grains**” /code 06/ is the area where corn is sown in spring for grains.

“**Other**”/code 07/ - the total of all autumn cereal crop sowing areas (autumn rye, etc.) *that were sown in autumn and were maintained till the end of spring sowing*, and spring (spring rye, oats, etc.) *that were sown in spring* is completed with exception of the cereal crops areas mentioned in the questionnaire.

The total of sowing area of all types of cereal crops (wheat (*autumn, spring*), barley (*autumn, spring*), spelt, corn for grains, etc.) is completed under “**Total**”/code 08/ (01+02+03+04+05+06+07) according to the relevant columns.

“**Cereal-legume crops**” /code 09/ includes information on the total sowing area of all types of cereal-legume crops according to the relevant columns (beans and peas for grains, marrowfat, lentils, etc.).

The total of sowing area of early, midseason and late varieties of potato is completed under “**Potato**” /code 10/ according to the relevant columns.

The relevant rows under “**Vegetable crops**” (cabbage, cucumber, tomato, eggplant, pepper, carrot, table beet, onion, garlic, green beans, etc.) are completed (*irrespective of the maturity period – early, midseason and late maturing, and the purpose of use – food, forage, etc.*) in the following way:

“**Cabbage**”/code 11/ - the total of sowing area of all types of cabbage (including cauliflower), *including inter-row areas of orchards and vineyards, reseeding and intercropping areas, including seed sprouts* is completed according to the relevant columns.

“**Cucumber**” /code 12/ - the total of sowing area of all types of cucumber, *including inter-row areas of orchards and vineyards, reseeding and intercropping areas, including seed sprouts* is completed according to the relevant columns.

“**Tomato**” /code 13/ - the total of sowing area of all types of tomato, *including inter-row areas of orchards and vineyards, reseeding and intercropping areas, including seed sprouts* is completed according to the relevant columns.

“**Eggplant**” /code 14/ - the total of sowing area of all types of eggplant, *including inter-row areas of orchards and vineyards, reseeding and intercropping areas, including seed sprouts* is completed according to the relevant columns.

“Pepper” /code 15/ - the total of sowing area of all types of pepper, *including inter-row areas of orchards and vineyards, reseeding and intercropping areas, including seed sprouts* is completed according to the relevant columns.

“Carrot” /code 16/ - the total of sowing area of all types of carrot, *including inter-row areas of orchards and vineyards, reseeding and intercropping areas, including seed sprouts* is completed according to the relevant columns.

“Table beet” /code 17/ - the total of sowing area of all types of table beet, *including inter-row areas of orchards and vineyards, reseeding and intercropping areas, including seed sprouts* is completed according to the relevant columns.

“Onion” /code 18/ - the total of sowing area of all types of onion, *including inter-row areas of orchards and vineyards, reseeding and intercropping areas, including seed sprouts* is completed according to the relevant columns.

“Garlic” /code 19/ - the total of sowing area of all types of garlic, *including inter-row areas of orchards and vineyards, reseeding and intercropping areas, including seed sprouts* is completed according to the relevant columns.

“Green bean” /code 20/ - the total of sowing area of all types of green bean, *including inter-row areas of orchards and vineyards, reseeding and intercropping areas, including seed sprouts* is completed according to the relevant columns.

“Other” /code 21/ - the total of sowing area of all other types of vegetable crops unspecified in the questionnaire (green pea, various greens, etc.) *including inter-row areas of orchards and vineyards, reseeding and intercropping areas, including seed sprouts* is completed according to the relevant columns.

“Total” /code 22/ (11+12+13+14+15+16+17+18+19+20+21) – the total of sowing area of all vegetable crops (cabbage, cucumber, tomato, eggplant, pepper, carrot, table beet, onion, garlic, green beans, etc.) is completed according to the relevant columns.

The relevant rows for **“Melonfield crops”** (watermelon, melon) are completed in the following way:

“Watermelon” /code 23/ - the total of sowing area of all types of watermelon, *including inter-row areas of orchards and vineyards, reseeding and intercropping areas, including seed sprouts* is completed according to the relevant columns.

“Melon” /code 24/ - the total of sowing area of all types of melon, *including inter-row areas of orchards and vineyards, reseeding and intercropping areas, including seed sprouts* is completed according to the relevant columns.

“Total” /code 25/ (23+24) - the total of sowing area of all types of melonfield crops (watermelon, melon), *including inter-row areas of orchards and*

vineyards, reseeding and intercropping areas, including seed sprouts is completed according to the relevant columns.

The relevant rows for “**Industrial crops**” (tobacco, oilseed crops, sugar beet, etc.) are completed according to the relevant columns in the following way:

Industrial crops are the crops that need industrial processing before the final consumption.

“**Tobacco**” /code 26/ - the total of sowing area of all types of tobacco, including seed sprouts is completed according to the relevant columns.

“**Sunflower (oilseed and confectionery)**” /code 27/ - the total of sowing area of all types of sunflower (oilseed and confectionery) used for industrial purpose (processing) is completed according to the relevant columns.

“**Sugar beet**” /code 28/ - the total of sowing area of all types of sugar beet, including seed sprouts is completed according to the relevant columns.

“**Other**” /code 29/ - the total of sowing area of all other types of industrial crops unspecified in the questionnaire (sorgo for brooms, industrial crops used in pharmaceutical and cosmetic production such as geranium, soybeans, autumn and spring raps, etc.) including seed sprouts is completed according to the relevant columns.

“**Total**” /code 30/ (26+27+28+29) - the total of sowing area of all types of industrial crops (tobacco, oilseed crops, sugar beet, etc.) including seed sprouts is completed according to the relevant columns.

The relevant rows under “**Fodder crops**” (one year herbs, perennial herbs, fodder rootstock, silage, etc.) are completed according to the relevant columns in the following way:

“**One year crops**” /code 31/ - the total sowing area of one year herbs (green fodder and grass) is completed according to the relevant columns.

“**Perennial herbs**” /code 32/ - the total sowing area of perennial herbs (green fodder and grass) is completed according to the relevant columns.

“*Sowing of the given year*” /code 33/ - the total sowing area used for perennial herbs (green fodder and grass) sown in the given year separated from “perennial herbs” /code 32/ is completed according to the relevant columns.

“*Sowing of previous years*” /code 34/ - the total sowing area used for perennial herbs (green fodder and grass) sown in the previous years separated from “perennial herbs” /code 32/ is completed according to the relevant columns.

“**Fodder rootstock**” /code 35/ - the total sowing area of fodder rootstock is completed according to the relevant columns.

“Silage” /code 36/ - the total sowing area of silage crops is completed according to the relevant columns.

“Other” /code 37/ - the total sowing area of all other fodder crops not mentioned above (corn for silage, fodder hay and green fodder, sunflower for fodder, raps, etc.) is completed according to the relevant columns.

“Total” /code 38/ (31+32+35+36+37) - the total of sowing area of all types of fodder crops (one year herbs, perennial herbs, fodder rootstock, silage, etc.) including seed sprouts is completed according to the relevant columns.

“Flowers (except in greenhouses, hothouses)” /code 39/ - the total of sowing area of all types flowers (any kind) including seed sprouts is completed according to the relevant columns.

In case of availability of greenhouses and/or hothouses in the **household** in the given period:

“In greenhouses (not heated facility)” /code 40/ - the total sowing area of all crops grown in greenhouses in the given period is completed according to the relevant columns. In case of more than one sowing in the given period the total indicator of all sowings is calculated and marked. If there are several greenhouses in the household, it is necessary to mark the total indicator for sowing in the total area.

“of which vegetable crops” /code 41/ - only the area where vegetable crops are grown (cucumber, tomato, pepper, eggplant, etc.) to get harvest is calculated with the same principle and is completed separate from the total area of greenhouse(s) according to the relevant columns.

“of which mushrooms” /code 42/ and “of which flowers” /code 43/ - completed with the same principle as applied in “of which vegetable crops” /code 41/.

Greenhouses are small-scale facilities with mobile sheds (frames covered with glass or film). They differ from geothermal heating and hothouses in that they are not heated. Greenhouses are used in spring, summer and autumn; they allow growing seedlings, flowers, early maturing vegetable crops and mushrooms.

“In hothouses” /code 44/ - the total of sowing area of all crops grown in hothouses in the given period is completed according to the relevant columns. In case of more than one sowing in the given period the total indicator of all sowings is calculated and marked. If there are several hothouses in the household, it is necessary to mark the total indicator for sowing in the total area.

“of which vegetable crops” /code 45/ - only the area where vegetable crops are grown (cucumber, tomato, pepper, eggplant, etc.) to get harvest is

calculated with the same principle and is completed separated from the total area of hothouses according to the relevant columns.

“of which mushrooms” /code 46/ and “of which flowers” /code 47/ - completed with the same principle as applied in “of which vegetable crops” /code 45/.

Hothouses are facilities of varied size, equipped with hothouse constructions and devices, heated and allow plant cultivation all year round (cultivation of vegetable crops, flowers, seedlings, mushroom, etc.).

“Total sowings” /code 48/ (08+09+10+22+25+30+38+39+40+44) – the total sowing area of agricultural crops cultivated in the given period is completed according to the relevant columns.

Data on sowing “in inter-row areas of orchards and vineyards” are completed in the relevant rows of crops enumerated in the questionnaire (vegetable crops, fodder crops, etc.) according to the relevant columns in the following way:

“Vegetable crops” /code 49/ - the total of sowing area of all vegetable crops cultivated in inter-row areas of orchards and vineyards in the given period is completed according to the relevant columns.

“Fodder crops” /code 50/ - the total of sowing area of all fodder crops cultivated in inter-row areas of orchards and vineyards in the given period is completed according to the relevant columns.

“Other” /code 51/ - the total of sowing area of all other crops not specified above cultivated in inter-row areas of orchards and vineyards in the given period is completed according to the relevant columns.

“Total in inter-row areas of orchards and vineyards” /code 52/ (49+50+51) - the total of sowing area of all agricultural crops cultivated in inter-row areas of orchards and vineyards is completed according to the relevant columns.

“Reseeding and intercropping” - the relevant rows of agricultural crops (cucumber, tomato, etc.) as specified in the questionnaire are completed according to the relevant column in the following way:

Reseeding is sowing of another crop(s) in the same area after the harvest of main crops aimed at yielding harvest more than once.

Intercropping is simultaneous mixed cultivation of more than one agricultural crop on the same land plot.

Attention – the leader of agricultural works in the household decides upon the main and intercropping agricultural crops.

“Cucumber” /code 53/ - the total of sowing area with reseeding of any kind of cucumber in the given period including seed sprouts is completed according to the relevant columns.

“Tomato”/code 54/ - the total of sowing area with reseeding of any kind of tomato in the given period including seed sprouts is completed according to the relevant columns.

“Other” /code 55/ - the total sowing area where reseeding of all other vegetable crops (cabbage, eggplant, pepper, carrot, table beet, onion, green peas, green beans, various greens, etc.) and other crops was done in the given period not specified in the given section of the questionnaire, as well as intercropping of all agricultural crops not mentioned above including seed sprouts is completed according to the relevant columns.

“Total reseeding and intercropping /code 56/ (53+54+55) – the total area where reseeding and intercropping of any agricultural crop or crops (cucumber, tomato, etc.) was done is completed according to the relevant columns.

“Total sowings without inter-row areas of orchards and vineyards, and reseeding and intercropping” /code 57/ (48-52-56) – the total sowings of all agricultural crops in the given period except inter-row areas of orchards and vineyards, and reseeding and intercropping areas are completed according to the relevant columns.

“Fallow lands of all types” /code 58/ - the total area of all types of fallow lands **Bare and early (green manure and strip)** is completed according to the relevant columns. *Bare fallow lands are the lands which have been tilled during the previous autumn, and have not been used for spring crops at the time of final survey of crops. Early fallow lands are tilled in spring, which were maintained unused (non-cultivated) until autumn sowing. Green manure fallow lands are the lands on which leguminous crops were sown, and which were tilled while plants are green to enrich the soil with organic matter. Strip fallow lands are the lands on which tall-stalked crops were planted in order to retain snow in winter.*

“Unused arable land”/code 59/ - the total of arable land area owned (without renting out) and rented (paid, unpaid or on other basis) by the household which have not been used by the household for sowing agricultural crops is completed according to the required information in the relevant columns.

Unused arable land is also considered the area of arable land that has not been used due to various reasons (without sowing any kind of agricultural crops) or has been used unpurposefully where naturally grown herbs are gathered or where livestock are grazing, and the areas of perennial fodder crops which have not been sown for 6 and more years.

“**Total arable lands**”/code 60/ (57+58+59) – the total area of total household sowings /code 57/, fallows of all types /code 58/ and unused arable land /code 59/ of the given period is completed according to the required information in the columns.

“**Total mushroom growing area**”/code 61/ - the total of areas (special equipped facilities, cellars, etc.) where all (any) kind of mushroom/s are grown.

Question 11. The area of perennial plantings

(in the given community/settlement, without rented out lands, including rented lands)

as of 10.10.2014

The data on the area of perennial plantings include the total area of perennial plantings (fruit, berry and grape areas) on owned (without renting out) and rented (paid, unpaid, on other basis) lands of the household in the given community/settlement.

***Therefore,** if the areas of perennial plantings of the given kind (variety) are on one or several land plots irrespective of whether they are located in the same or other settlements of the given community, the data on the area of the given kind (variety) must include the total of existing areas on all land plots.*

Nursery is the land area used for growing fruit, berry, grape (irrespective of type and variety) and decorative tree planting materials (seedlings, vines).

Data on fruit-bearing and newly founded areas is completed according to the relevant rows in column 1 “**Total**” in the section on “**Lands in fields**” of Table 4 with 0.00 ha accuracy.

In the relevant rows of column 2 of the section “***of which actually irrigated***” of Table 4 the areas that have been actually irrigated in the given period are separated from the relevant rows of column “**Total**”.

In column 3 “**Of fruit-bearing age**” of Table 4 data on areas of fruit-bearing age are separated from the household areas located in the **field of the given community** and completed according to the relevant rows with 0.00 ha accuracy.

In the relevant rows of the “***of which actually irrigated***” of Table 4 the areas that have been actually irrigated in the given period are separated from the column on “**Of fruit-bearing age**”.

Actually irrigated are the areas which, regardless of being considered as irrigated or not, have been irrigated from any source (irrigation networks, artesian

waters, nearby rivers, lakes, etc.) and by any method (artificial rain, dripping, bubbler, etc.) in the given period.

Lands irrigated only naturally (rain and other natural precipitation) are not considered actually irrigated lands.

5th column on “**Total, unit**” and 6th column on “**of which fruit-bearing age**” of the part on “**The number of trees/vines**” of section on “**Backyard lands**” of Table 4 – the number of fruit-bearing trees/vines on **backyard lands** of the household is completed (irrespective of whether they are newly founded or at fruit-bearing age).

Column 7 on “**Area, m²**” of section on “**Backyard lands**” – areas (m²) of those household backyards lands where there are berry fields irrespective of whether they are newly founded or at fruit-bearing age, and areas of fruit and berry nurseries are completed according to the relevant rows of column 4.

“**Orchard (without nursery)**” – the rows relevant to the fruit varieties (apples, pears, quince, apricots, peaches, sweet cherries, plums, cherries, cornel, walnuts, nuts, fig, pomegranate, mulberry, etc.) are completed according to the relevant column in the following way:

The total areas of all varieties of the given fruit and nurseries (irrespective of whether they are at fruit-bearing age or not) are completed according to the respective row of the **fruit /codes 62; 63;...76/** relevant to the required information.

“**Other**” /code 77/ - the total areas of all varieties of the fruit unspecified in the questionnaire and the nurseries are completed according to the relevant columns.

“**Orchard (without nurseries), total**” /code 78/ (62+...+77) – the total of the information required by Table 4 columns is completed according to the relevant columns.

“**Fruit nursery**” /code 79/ - the total area used for growing seedlings for all types and varieties of fruit is completed according to the relevant columns.

“**Unused orchard areas**”/code 80/ - the total of orchard areas owned (without renting out) and rented (paid, unpaid or on other basis) by the household on which no agro-technical activity (trimming, treatment, irrigation, cultivation of inter-garden areas, harvesting, etc.) has been carried out in the given period is completed according to the relevant columns.

“**Orchard, total**” /code 81/ (78+79+80) - the total of orchard /code 78/, fruit nursery /code 79/ and unused orchard areas /code 80/ of the household in the given period is completed as required by the relevant columns.

“Berry field (without nurseries) (raspberry, strawberry, currant, blackberry, etc.)” /code 82/ - the total of raspberry, strawberry, currant, blackberry and other berry areas is completed according to the required information in the columns.

“of which strawberry” /code 83/ - the indicator for the strawberry area is separated from **“Berry field (without nurseries) (raspberry, strawberry, currant, blackberry, etc.)” /code 82/** and completed according to the required information in the columns.

“Berry nursery” /code 84/ - the total area used for growing seedlings for all types and varieties of berries is completed according to the relevant columns.

“Berry field, total” /code 85/ (82+84) - the total of berry field /code 82/ and berry nursery /code 84/ and of the household in the given period is completed as required by the relevant columns.

“Vineyard (without nursery) - the rows relevant to all grape varieties based on their use (technical, table and universal) are completed according to the relevant column in the following way:

“Technical”/code 86/ - the total areas of all varieties of grape plantings (irrespective of whether they are at fruit-bearing age or not) are completed according to the respective columns which are varieties used for processing (*Rkatsiteli, Kangoun, Areni, Meghrabouyr, Banants, Voskehat, Haghtanak, Garan dmak, etc.*) regardless of for which purpose the harvest has been used at the time of reporting (11.10.2014).

“Table” /code 87/ - the total areas of all varieties of grape plantings (irrespective of whether they are at fruit-bearing age or not) are completed according to the respective columns which are varieties used as food (*Shahoumyan, Cardinal, Yerevan, Hayastan, Ararat, Hayreniq, etc.*) regardless of for which purpose the harvest has been used at the time of reporting (11.10.2014).

“Universal” /code 88/ - the total areas of all varieties of grape plantings (irrespective of whether they are at fruit-bearing age or not) are completed according to the respective columns which are varieties used both for food and processing (*Kakhet, Anahit, Mskhali, Van, etc.*) regardless of for which purpose the harvest has been used at the time of reporting (10.10.2014).

“Vineyard (without nursery), total” /code 89/ (86+87+88) - the total of information required by the columns of Table 4 is completed according to the relevant columns.

“Unused vineyard areas” /code 90/ - the total of vineyard areas owned (without renting out) and rented (paid, unpaid or on other basis) by the household on which no agro-technical activity (opening vines, trimming, treatment,

irrigation, cultivation of inter-garden areas, harvesting, burying of vine etc.) has been carried out in the given period is completed according to the relevant columns.

“Grape nursery”/code 91/ - the total area used for growing seedlings for all varieties of grape is completed according to the relevant columns.

“Vineyard, total”/code 92/ (89+90+91) - - the total of vineyard /code 89/, unused vineyard /code 90/ and grape nursery /code 91/ of the household in the given period is completed as required by the relevant columns.

Attention - the table below provides information on the periods of complete fruit-bearing age of fruit types and grape (based on the specifics of the given type and variety reaching a fruit-bearing age)

Fruit	Complete fruit-bearing age, years	Fruit	Complete fruit-bearing age, years
Apple	5 – 6	Sweet cherry	6 - 7
Pear	5 – 6	Plum	5 - 7
Quince	5	Cherry	4 - 5
Apricot	6 - 7	Cornel	4 - 5
Peach	4 - 5	Walnut	8 – 10
nut	4 – 5	Pomegranate	4 -5
Almond	4 – 5	Perssimon	4 - 5
Olives	4 -5	Mulberry	7 - 8
Fig	5	Grape vine	4 -5

“Perennial plantings, total”/code 93/ (81+85+92) – the total of household perennial plantings - orchard /code 81/, berry field /code 85/ and vineyard /code 92/ areas is completed according to the required information in the columns.

“Decorative tree nurseries” /code 94/ - the total area used for growing seedlings of decorative trees of all types is completed according to the relevant columns.

Question 12. Sources and methods of actually irrigated lands (*in the given community/settlement without rented out lands, including rented lands*)

(01.08.2013 – 31.07.2014)

General information on the sources and methods of irrigation of lands

Irrigated are the lands which have irrigation networks irrespective of whether it is operating or not.

Actually irrigated are the areas which, regardless of being considered as irrigated or not, have been irrigated from any source (irrigation networks, artesian waters, nearby rivers, lakes, etc.) and by any method (artificial rain, dripping, bubbler, etc.) in the given period.

Lands irrigated only naturally (rain and other natural precipitation) are not considered actually irrigated lands.

There are various **sources** of irrigation – common irrigation networks, nearby rivers, lakes, streams, artesian waters; irrigation is also possible with drinking water, etc.

There are different methods of irrigation - **furrow** (water-filled furrows in beds, water distribution through furrows in beds), **artificial rainfall** (irrigation under high pressure rain based on the crop areas), **and dripping** (irrigation of crops by dripping water on the plant as well as generating fog).

Information on the sources of **only actually irrigated** lands of the household is completed according to the type of irrigation source in the following way:

The interviewee selects only those from the irrigation sources from column B of **Table 5** that is/are used by the household to **actually irrigate** its owned lands. The enumerator marks (X) in the relevant boxes selected by the interviewee. More than one answer is possible.

If the household uses other sources for **actual irrigation** of its lands besides those mentioned in the questionnaire, the given source is marked under “**Other**” /code 99/ and respectively (X) is marked in the relevant box of column 1.

The section on “**The irrigation methods of actually irrigated lands**” of **Table 6** is completed with the same principle.

SECTION IV. AVAILABILITY OF HOUSEHOLD LANDS (AGRICULTURAL, BACKYARD AND OTHER LANDS) IN OTHER COMMUNITIES/SETTLEMENTS

Question 13. Does the household posses (as of 10.10.2014) and/or has cultivated (01.08.2013-31.07.2014) lands (agricultural, backyards and other lands) (owned, rented) in other communities/settlements?

The question is aimed at identifying whether any member of the household possesses and/or has cultivated (owned, rented or used on other basis) lands (agricultural, backyards and other lands) in other community(ties)/settlement(s).

If yes, the enumerator marks (X) in the relevant box and completes **appendix of 1-AC questionnaire of agricultural census**.

In addition, if the household possess and/or has cultivated lands in a number of other communities/settlements, the same number of **1-AC questionnaire appendices** must be completed for each community/settlement.

Attention – there is a logical connection between the note in column 3 of Table 1 of Section II of the 1-AC questionnaire and the answers of “Yes” or “No” of the given question.

If the answer to this question is yes, i.e. the interviewee has mentioned that the household has lands in other communities/settlements, the enumerator must be sure that a relevant note has been made (a number is written) in column 3 of Table 1 of Section II of the questionnaire completed for the given household; and if the interviewee has answered that the household does not have lands in other communities, the enumerator must be sure that “0” is marked in the relevant rows of column 3 of Table 1 of Section II.

Attention – the information on household owned lands and sowing areas of crops and perennial plantings under the appendix of agricultural census 1-AC questionnaire appendix is completed with the same principle as the relevant tables of **1-AC questionnaire**.

If the enumerator has completed an appendix, he/she must continue the survey with the member of the given household and continue completion of 1-AC questionnaire from **Section V**.

If the answer to the question 13 is “No”, the enumerator continues the survey and completes the questionnaire from **Section V**.

Attention - beginning from section V the data completed in the questionnaire on the household must also include indicators on other communities/settlements.

SECTION V. MEANS AND FERTILIZERS FOR PLANT PROTECTION

(including in other communities/settlements)

General information on means of plant protection and fertilization

Medications and pesticides include **herbicides** – chemicals used to fight weeds; **insecticides** - chemicals meant to destroy harmful insects, caterpillars, their eggs and larvae; **fungicides** - chemicals meant to prevent the development of fungi, bacteria, spores causing various diseases, and to destroy them; biological means of plants protection: biological bodies, which, through their activities, establish a sustainable biological environment promoting the most favourable (pest-free) development of agricultural crops.

Biological means of plant protection are biological means for preventing, fighting and destroying organisms (insects, fungi, bacilli, pheromone traps, etc.) which are harmful for plants.

Mineral fertilizers include nitrogen fertilizers - ammonium nitrate, carbamide, etc.; phosphorous, potassium, combined –nitroammophos, ammophos - and other fertilizers.

Organic fertilizers include dung of all kinds of animals and birds and other organic materials in any form.

Question 14. Used medications and pesticides, fertilizers

(01.08.2013 – 31.07.2014)

Table 7 column 1 “Area, ha” – the total areas of those lands (**arable lands, perennial plantings, hayfields, pastures and other lands**) are completed in the relevant rows (including lands in other communities/settlements) with 0.00 ha accuracy where the household has **used medications and pesticides, plant protection biological means, mineral and organic fertilizers** (regardless of the quantity and frequency) in the given period for growing agricultural crops.

Table 7 column 2 “Quantity (physical weight), tones” – the quantity of mineral and organic fertilizers used by the household in the given period is completed as required with 0.00 accuracy.

“Medications and pesticides”/code 01/ - according to column 1, the total area of lands (**arable lands, perennial plantings, hayfields, pastures and other lands**)

is completed with 0.00 ha accuracy (including lands in other communities) where the household has used medications and pesticides in the given period for growing agricultural crops.

“Biological means of plant protection” /code 02/ - according to column 1, the total area of lands (*arable lands, perennial plantings, hayfields, pastures and other lands*) is completed with 0.00 ha accuracy (including lands in other communities) where the household has used biological means of plant protection in the given period for growing agricultural crops.

“Mineral (nitrogen, phosphorous, potassium, etc) fertilizers” /code 03/- according to column 1, the total area of lands (*arable lands, perennial plantings, hayfields, pastures and other lands*) is completed with 0.00 ha accuracy (including lands in other communities) where the household has used mineral fertilizers in the given period for growing agricultural crops. In column 2, the total quantity of mineral fertilizers used by the household in the given period is completed in physical weight with 0.00 tones accuracy.

“Organic fertilizers” /code 04/ - according to column 1, the total area of lands (*arable lands, perennial plantings, hayfields, pastures and other lands*) is completed with 0.00 ha accuracy (including lands in other communities) where the household has used organic fertilizers in the given period for growing agricultural crops. In column 2, the total quantity of organic fertilizers used by the household in the given period is completed in physical weight with 0.00 tones accuracy.

SECTION VI. LIVESTOCK AND POULTRY

Question 15. The quantity of livestock and poultry (including in other communities/settlements) as of 10.10.2014

This section of the questionnaire includes the number of **livestock and poultry** intended for production of animal products (meat, milk, eggs, wool, honey, etc.), reproduction (calving), fattening (weight increase), sale, implementation of agricultural work, scientific and other purposes available in the household as of 10.10.2014.

1st column “Number” of table 8 - the total number of livestock and poultry (according to the types and sex and age groups required by the questionnaire) owned by the household both in the community/settlement of

main residence and other communities/settlements is completed in the relevant rows as of 10.10.2014.

The sex and age groups of **cattle** are completed in the following way:

“cows” /code 01/ - female animal at the age of puberty of all cattle breeds that has given birth at least once.

“of which dairy flock” /code 02/ - cattle bred for milk.

“reproductive bulls” /code 03/ - male cattle above 1,5 years of age kept for reproductive purposes.

“calves above 2 years” /code 04/ - pregnant female calves above 2 years of age.

“bullcalves above 2 years” /code 05/ - male calves above 2 years of age.

“young bull-calves from 1 to 2 years” /code 06/ - calves of 1-2 years of age.

“other cattle, including small cattle” /code 07/ - the total number of cattle unspecified in the current section of the questionnaire is completed as of 10.10.2014.

“Cattle, total ” /code 08/ (01+03+04+05+06+07) - The total number of animals of all sex and age groups of cattle is completed according to column 1 as of 10.10.2014.

The sex and age groups of **buffalo** are completed in the following way:

“mare” /code 09/ - female animal at the age of puberty.

“bull buffalo”/code 10/ - male buffalo at the age of puberty kept for reproductive purposes.

“other buffalo, including young ones”/code 11/ - the total number of buffalo unspecified in the current section of the questionnaire is completed as of 10.10.2014.

“Buffalo, total” /code 12/ (09+10+11) - the total number of animals of all sex and age groups of buffalo is completed according to column 1 as of 10.10.2014.

The sex and age groups of **pigs** are completed in the following way:

“sows of the main flock”/code 13/ - sows that have given birth 2 and more times.

“female pigs for replenishment 4-12 months” /code 14/ - the total number of animals of the given sex and age is completed.

Pigs (except the numbers specified in codes 13 and 14), up to 20kg (live weight) /code 15/, from 20 -50kg (live weight) /code 16/, over 50kg (live weight) /code 17/ - the total number of pigs of the given weight groups is completed as of 10.10.2014.

“Total pigs” /code 18/ (13+14+15+16+17) - the total number of animals of all sex and age groups of pigs is completed according to column 1 as of 10.10.2014.

The sex and age groups of **sheep of all breeds** are completed in the following way:

“**ewe**” /code 19/ - young ewes that have given birth.

“**ram**”/code 20/ - male sheep above 1,5 years of age used for reproductive purposes.

“**young ewe**” /code 21/ - pregnant female lambs of 1-1,5 years of age.

“**other sheep including lamb**” /code 22/ - the total number of **sheep of all breeds** unspecified in the current section of the questionnaire is completed as of 11.10.2014.

“**Total sheep**” /code 23/ (19+20+21+22)- the total number of sheep of all sex and age groups of sheep of all breeds is completed according to column 1 as of 10.10.2014.

The sex and age groups of **goat** are completed in the following way:

“**nanny goat**” /code 24/ - young goats that have given birth.

“**he-goat**”/code 25/ - male goats used for reproductive purposes.

“**young she-goats**” /code 26/- pregnant she-goats of 1-1,5 year of age.

“**other goats, including goatling**” /code 27/ - the total number of goats unspecified in the current section of the questionnaire is completed as of 10.10.2014.

“**total goats**” /code 28/ (24+25+26+27) - the total number of animals of all sex and age groups of goat is completed according to column 1 as of 10.10.2014.

The sex and age groups of **horses of all breeds** are completed in the following way:

“**mares of 3 years and older**” /code 29/ - female horses for reproductive purposes.

“**stallions**” /code 30/ - sexually mature male horses used for reproductive purposes.

“**foals**”/code 31/ - 1 year old young foals – female or male.

“**other horses, including foals**” /code 32/ - the total number of horses of all breeds unspecified in the current section of the questionnaire is completed as of 10.10.2014.

“**Total horses**” /code 33/ (29+30+31+32) - the total number of animals of all sex and age groups of horses is completed according to column 1 as of 10.10.2014.

“**Total donkeys**” /code 34/ - the total number of donkeys is completed as of 10.10.2014.

“**Total mules**” /code 35/ - the total number of mules is completed as of 10.10.2014.

The rows for **all types and age** groups of rabbits are completed in the following way:

“**mother rabbits**” /code 36/ - the total number of mother rabbits is completed as of 10.10.2014.

“**other rabbits**” /code 37/ - the total number of animals of all sex and age groups of rabbits is completed as of 10.10.2014 excluding mother rabbits.

“**Total rabbits**” /code 38/ (36+37) - the total number of animals of all types and age groups of rabbits is completed according to column 1 as of 10.10.2014.

The rows for **all types and age** groups of **poultry** are completed in the following way:

“**laying hen**” /code 39/, “**other hen including young ones**” /code 40/, “**broilers**” (meat chicken) /code 41/, “**turkey**” /code 42/, “**geese**” /code 43/, “**ducks**” /code 44/, “**Guineafowls**”/code 45/, “**ostriches**” /code 46/ - the total numbers of the mentioned types of poultry are completed.

“**Other poultry**” /code 47/ - the total numbers of poultry (rooster, quail, etc.) unspecified in the questionnaire are completed as of 10.10.2014.

“**Total poultry**” /code 48/ (39+40+41+42+43+44+45+46+47) - the total number of poultry of all types and age groups is completed according to column 1 as of 10.10.2014.

The rows for **all types and age** groups of **fur-bearing wild animals** are completed in the following way:

“**mother animals**” /code 49/ - the total number of mother wild animals is completed as of 10.10.2014.

“**other animals**” /code 50/ - the total number of fur-bearing wild animals of all sex and age groups is completed as of 10.10.2014 excluding the number of mother animals.

“**Total fur-bearing animals**” /code 51/ (49+50) - the total number of fur-bearing wild animals of all sex and age groups is completed in column 1 as of 10.10.2014.

“**Beehives**” /code 52/ - the total number of beehives used for producing honey is completed as of 10.10.2014.

SECTION VII. PISCICULTURE

General information on pisciculture

Pisciculture is production of young fish, young crabs, algae and other edible marine plants in fish farms through fish acclimatization and fish amelioration.

Question 16. Has the household been involved in fish breeding?

(01.08.2013 – 31.07.2014)

It necessary to select either “**Yes**” (if the household is involved in fish breeding regardless of the quantity of produced fish/seafood and the water area the fish/seafood was produced) or “**No**” (if the household is not involved in fish breeding) and mark (X) in the relevant box.

If the answer is “**Yes**”, it is also necessary to complete the area of the reservoir in the separate row **16.1 “The area of the reservoir, m²”** (if there are several reservoirs, the total area is marked) and in the relevant box(s) of the row **16.2 “Water sources”** (X) is marked for **water sources** – underground and/or surface.

Attention:

Underground water sources are waters (artesian, ground, natural) that are within the rocks of the earth’s crust in liquid, vapour or hard condition; surface water sources include rivers, lakes, small lakes, streams, excessively wet areas, snow covers, icefields which flow or gather on the earth’s surface.

SECTION VIII. Agricultural buildings and facilities, technical equipment and machinery

(including in other communities/settlements)

Question 17. Building/facilities for keeping livestock and poultry and maintaining agricultural food
as of 10.10.2014

The **areas of** all agricultural buildings and facilities for keeping livestock (of any type and age) and poultry (at the same time maintaining all the necessary conditions for livestock breeding - feeding, care, zoo hygiene - sanitary and hygienic requirements for sanitation, ventilation, temperature, humidity, fodder, water, etc.) irrespective of the whether livestock are kept there or not as of 10.10.2014, as well as the areas of buildings (owned by the household or rented – paid, unpaid and on other basis) are completed according to separate rows of **Table 9** according to the relevant columns.

Table 9 “Storehouses and covers” /code 01/ and “Refrigerators” /code 02/ - information on the total volume of operational buildings/facilities used for storing

agricultural products (any kind) available in the household is completed as of 10.10.2014.

“Storehouses and covers” /code 01/ - the total volume of operational buildings/facilities used for storing agricultural products (any kind) is completed based on column 2 as of 10.10.2014 irrespective whether food is stored there at the time of the query or not. If there are more than one storehouses and covers, it is necessary to mark the total of their volumes.

Storehouse *is an area or facility with relevant conditions (humidity, temperature, lighting, etc.) suitable for storing agricultural products.*

Cover *is an area with an upper coverage where the sides may be separated with any material, except wood and stone.*

“Refrigerators”/code 02/ - the total volume of operational refrigerator used for storing agricultural products (any kind) is completed based on column 2 as of 10.10.2014 irrespective whether food is stored there at the time of the query or not. If there is more than one refrigerator, it is necessary to mark the total of their volumes.

Refrigerator *is a premises or facility equipped with relevant devices for storage of agricultural products which can ensure the necessary (required) temperature.*

“for cattle” /code 03/ - the total area of the given building/facility used for keeping cattle (of any breed and age) is completed based on column 2 as of 10.10.2014 irrespective of whether cattle are/have been kept or not.

“Pig farms” /code 04/ - the total area of the given building/facility used for keeping pigs (of any breed and age) is completed based on column 2 as of 10.10.2014 irrespective of whether pigs are/have been kept or not.

“Sheepfolds” /code 05/ - the total area of the given building/facility used for keeping sheep (of any breed and age) is completed based on column 2 as of 10.10.2014 irrespective of whether sheep are/have been kept or not.

“Poultry farm” /code 06/ - the total area of the given building/facility used for keeping poultry (of any breed and age) is completed based on column 2 as of 10.10.2014 irrespective of whether poultry are/have been kept or not.

“for other animals” /codes 07, 08, 09/ - the total area of the given building/facility used for keeping all other animals (of any breed and age) is completed based on column 2 as of 10.10.2014 according to the kinds of animals specified by the interviewee irrespective of whether animals are/have been kept in the given buildings/facilities or not as of 10.10.2014.

If the interviewee states that different kinds of livestock are/have been kept in the given building/facility, he must specify the kind of livestock the

building is originally intended for, and the area of the building is marked in the relevant row irrespective of whether animals are kept in the given period or not.

Question 18. Availability of buildings/facilities for storing agricultural equipment and machinery
as of 10.10.2014

It is necessary to select either “**Yes**” (if there are **buildings/facilities for storing agricultural equipment and machinery** in the household **as of 10.10.2014**) or “**No**” (if there aren’t **buildings/facilities for storing agricultural equipment and machinery** in the household **as of 10.10.2014**) and mark (X) in the relevant box.

Question 19. Agricultural equipment and machinery
(more than one answer is possible)

Column 1 of Table 10 “**Total owned operational equipment/machinery, item**” – the total numbers of operational agricultural equipment and machinery (according to the types specified in the questionnaire) owned by the household are completed according to the relevant rows as of 10.10.2014 regardless of their age and their location at the time of the query.

Operational *is equipment/machinery which is in working condition at the time of the survey, or the current malfunction (is not related to main junctions – engine, transmission, front and rear axles, etc, fixing of which requires replacement or repair of the junctions) can be fixed quickly and with minimum investments.*

The data on the section “**Have you used agricultural equipment/machinery?**” of Table 10 are completed for the period of **01.08.2013 – 31.07.2014**.

In column 2 of Table 10, (X) is marked in the box for **own** agricultural equipment or machinery which has been used by the household in the specified period.

In column 3 of Table 10, (X) is marked in the box for the agricultural equipment or machinery which has been rented *without service staff* by the household in the specified period on paid, unpaid or other basis.

Several boxes may be marked as various equipment or machinery may have been used by the household in the specified period.

In column 4 of Table 10, (X) is marked in the box for the agricultural equipment or machinery which has been used by the household in the specified

period **rented from the agricultural equipment service provider with the service staff.**

“Caterpillar tractors” /code 10/ - the total number of operational caterpillar tractors of all brands owned by the household is completed according to column 1 as of 10.10.2014.

X is marked in the boxes of columns 2 and 3 of **Table 10** if the household **used** caterpillar tractors (including tractors on which bulldozers, scrapers, excavators, ditchers, irrigation machines, soil cleaning machines, etc. are installed) and X is marked in column 4 if the household has used the services of agricultural equipment service provider.

Data on **“Wheel tractors” /code 11/** are completed with the same principle.

Data on **“Trucks” /code 12/** (including carriers to transfer petrol, milk, etc.) are also completed with the same principle.

Data on vehicles with special appliances (petrol charger, hoists) are not completed in this line.

Data on all types of **grain harvesters /code 13/** are completed with the same principle.

Data on all types of **combine harvesters** (including silage) **/code 14/ and mowers** (tractor trailer, hanging and semi-hanging mowers for mowing grass, green fodder, silage, corn, sunflower and herbs) including mower crushers and mower bunkers **/code 15/** are also completed with the same principle. Information on all types of **tractor trailers /code 16/, collecting pressers /code 17/, grain cleaning machines /code 18/, seeding machines, /code 19/, ploughs /code 20/, cultivators** (excluding smoothing and loosening machinery) **/code 21/ and spray tractors /code 22/** are completed with the above-mentioned principle.

“Milk storage refrigerating equipment” /code 23/ and “Milk processing equipment” /code 24/ - the total number of the mentioned equipment owned by the household and in operational state is completed according to column 1 as of 10.10.2014. (X) is marked in the relevant rows of columns 2 and 3 of Table 10 in case of **their use**, and the box of the relevant row of column 4 is marked when the household has used the above mentioned equipment from the relevant service provider.

In case of availability of other agricultural equipment and machinery, the name/type of the agricultural equipment or machinery (irrigation and special equipment, fertilizing and spraying machinery and other agricultural equipment and machinery) is marked under **“Other (mark)” /code 25/**, and the required

information is completed afterwards according to the relevant columns with the above mentioned principle.

Question 20. Has the household used horse or other draft animals for agricultural works?

(01.08.2013 – 31.07.2014)

To answer the question, it is necessary to select either “**Yes**” (if the household has used draft animals for agricultural works (ploughing, sowing, etc.) irrespective of the type of the animal) or “**No**” (if the household hasn’t used draft animals), it is necessary to mark (**X**) in the relevant box.

SECTION IX. LABOUR FORCE

(including in other communities/settlements)

Question 21. Gender, age, education and involvement in agriculture of the head/members (15 years of age and older) of the household

(11.10.2013 – 10.10.2014)

Data on the gender, age, education level and involvement in agriculture of the household members at the time of the survey are completed *including household members absent at the time of the survey* (absent from the household, community, country, regardless of the reason of the absence). **Information on agricultural involvement/employment of the household members** (excluding work of those household members who were not in the country at the mentioned period) **is completed for the period of 11 October 2013-10 October 2014.**

Data on the gender, age, education level and involvement in agriculture of the household members are completed vertically in Table 11 by marking the selected relevant code in the box intended for every question.

Data on members of the household of 15 years of age and older, *except the head of the household*, is possible/intended to be completed vertically in the section on other members of the household of Table 11 for another 9 members; however, this section is completed according to the number of household members of 15 years of age and older.

“**Gender**”/code 01/ - the relevant code of the gender of the household member is completed according to the relevant columns.

“**Age**” /code 02/ - the relevant code of the age of the household members at the time of the survey is completed according to the relevant columns.

“Education” /code 03/ - the relevant code of the education level of each household member is completed according to the relevant columns.

“Agricultural months”/code 04/ - information on the duration of agricultural activity of each household member **only in the given household** is completed according to relevant codes in the relevant columns. *Information on the duration of the agricultural activity of the household member outside the household is not included in the relevant column on agricultural activity of the given member of the household.*

Attention – if any of the **household members has been absent from the household during the period of 11.10.2013 – 10.10.2014:**

-however, has been involved in agriculture during some time of the mentioned period, information on the employed months is marked in the relevant column;

- and has been involved in agriculture in another location, information on the employed months is not included in the current questionnaire and “0” is marked in the relevant column.

**Question 22. Has the head or any member of the household participated in training courses on agriculture?
(11.10.2013 – 10.10.2014)**

It is necessary to select either **“Yes”** (if the head or any member of the household has participated in training courses on agriculture stating whether it was a state programme or within another project) or **“No”** (if the head or any member of the household has not participated in training courses on agriculture **in the specified period**) and mark **(X)** in the relevant box.

**Question 23. Labour force in agriculture (paid in cash and/or in-kind)
(11.10.2013 – 10.10.2014)**

Table 12 is completed only for **those households** which have involved workers for implementing agricultural works in their households (paid in cash and/or in-kind):

The table is completed in the following way:

“Total labour force” /code 05/ - the total number of workers is completed in column 1, and the numbers of women and men from the total workers are completed in columns 2 and 3.

“Up to 1 month” /code 06/, “1-4 months” /code 07/, “4-7 months” / code 08/, “7-10 months” /code 09/ and “10-12 months” /code 10/ - the total number of workers (paid in cash and/or in-kind) involved in agricultural works in the specified timeframe is completed in the relevant columns where the numbers for women and men are separated in columns 2 and 3 respectively.

SECTION X. UTILIZATION AND PROCESSING OF AGRICULTURAL PRODUCTS

Question 24. The ways of utilization of agricultural products produced in the household

(11.10.2013 - 10.10.2014)

General information

*Agricultural products produced **only for own consumption** includes both **food consumption** including food given to relatives, acquaintances, friends, neighbours and others free of charge and used for charitable purposes, and **economic consumption**, including forage, seeds etc.*

*Data on ways of utilization of agricultural products in the current question relates **only to the products produced by the household**.*

The main kinds of agricultural products (crops, livestock) are marked in the relevant rows of column “**B**” of Table 13.

(X) is marked in column 1 “**Only for own consumption**” of Table 13 for the agricultural products produced **only for own consumption**.

(X) is marked in column 2 “**Mainly – 50% and more- for own consumption**” of Table 13 for the agricultural products produced **mainly for own consumption**.

(X) is marked in column 3 “**Mainly – 50% and more- for sale**” of Table 13 for the agricultural products produced **mainly for sale**.

(X) is marked in column 4 “**Only for sale**” of Table 13 for the agricultural products produced **only for sale**.

Question 25. The agricultural products produced in the household was utilized

(11.10.2013 - 10.10.2014)

The interviewee must specify the ways of utilization of agricultural products in the mentioned period – **mainly for own consumption or mainly for sale**.

If more than half of the agricultural products were consumed within the household in the specified period, the enumerator marks (X) in the box for **mainly for own consumption**.

If more than half of the agricultural products were sold in the specified period, the enumerator marks (X) in the box for **mainly for sale**.

Question 26. Has the household been involved in processing of agricultural products?

(11.10.2013 - 10.10.2014)

Processing of agricultural raw produce and production is a technological process (cooking, drying, smoking, pickling, fermentation, distillation, aging, canning, etc) during which the physical and (or) chemical composition of the agricultural raw material and products is significantly altered.

It is necessary to select either “**Yes**” (if the household has processed agricultural products both of own production and obtained in other ways in the specified period) or “**No**” (if the household has not been involved in processing of agricultural products) and mark (X) in the relevant box.

Question 27. Was the processed agricultural product sold?

(11.10.2013 - 10.10.2014)

It is necessary to select either “**Yes**” (if the household has sold processed agricultural products in the **specified** period) or “**No**” (if the household has not sold processed agricultural products in the **specified** period) and mark (X) in the relevant box.

SECTION XI. AGRITOURISM

(including in other communities/settlements)

Question 28. Has the household provided agritourism services?

(11.10.2013 - 10.10.2014)

Tourism is the activity of citizens traveling for a maximum of one year from the permanent residence (country) to another place for cognitive, recreational, healthcare, sports, religious, visiting relatives, professional, business or other purposes.

Agritourism is a kind of tourism in rural areas which implies and allows the visitors and tourists, particularly the urban ones, to acquire knowledge about agricultural management, get to know the production process of **agricultural products** (*allowing to directly participate in land cultivation, irrigation works, harvesting, etc.*), **taste** fresh natural and healthy food, as well as **see and enjoy** unusual leisure activities peculiar to the rural environment.

Attention - the enumerator must explain the interviewee that this is a specific kind of activity and it shouldn't be identified with short visits of urban citizens to rural areas and with renting out the apartment.

It is necessary to select “**Yes**” (if the household **has provided agritourism services** in the specified period) or “**No**” (if the household **has not provided agritourism services** in the specified period) and mark (X) in the relevant box.

SECTION XII. LOANS AND SUBSIDIES

Question 29. Loans, and subsidies received for agricultural purposes and their sources

(11.10.2013 - 10.10.2014)

(more than one answer is possible)

If the interviewee states that the household has taken **loans** from a bank and/or other sources or received **subsidies** from the state and/or other sources, the enumerator marks (X) in the relevant box(s).

SECTION XIII. COOPERATIVE

Pursuant to the Civil Code of the Republic of Armenia “A cooperative is a voluntary association established on the basis of membership of citizens and legal entities and by means of joining property shares of its members for the purpose of meeting material and other needs of the participants”.

In the simplest definition a cooperative is a voluntary entity established with the purpose of producing and providing goods and services for its members and participants, the members of which carry out the management and jointly share the emerged risks and profits in the framework of the services received from the cooperative.

Question 30. Has the household been a member of an agricultural cooperative?

(11.10.2013 - 10.10.2014)

It is necessary to select “**Yes**” (if the household **has been a member of a cooperative** in the specified period) or “**No**” (if the household **has not been a member of a cooperative** in the specified period) and mark (X) in the relevant box.

Go to question 32 if the household has not been a member of a cooperative in the specified period.

Complete **Table 14** relevant to question 31 if the household has been a member of a cooperative in the specified period.

Question 31. Types and activity of cooperatives

The first section of Table 14 will relate to the types of cooperatives if the interviewee states that the household has been a member of “**consumption cooperative**” /code 01/ or “**commercial cooperative**” /code 02/ in the specified period, and (X) will be marked in the relevant rows according to the first column.

The second section of Table 14 relates to the activity of cooperatives which may have more than one direction. The interviewee selects **one or several** directions and the direction of the cooperative is mentioned under “**Other (specify)**” /codes 07, 08, 09/ if not specified within the above-mentioned, and then (X) is/are marked according to the relevant column.

SECTION XIV. ON-FARM RECORD-KEEPING

On-farm record-keeping is implementation of any kind of record-keeping related to management of agriculture (both as a whole and in part) by a household.

Question 32. Has the household implemented on-farm record-keeping on agricultural production and expenses?

(11.10.2013 - 10.10.2014)

To answer the question, it is necessary to select either “**Yes**” or “**No**” from the questionnaire and mark (X) in the relevant box.

Attention- The answer “**Yes**” includes not only record-keeping of the whole sector of agriculture but also record-keeping of one section/sections of agriculture.

Question 33. Who answered the questions?

To complete this section, the enumerator clarifies the status of the interviewee in the household and marks (X) in the relevant box,

“33.3 the leader of the household agricultural works” – (X) is marked in the relevant box if the enumerator has completed data on the household based on the information provided by the leader of the household agricultural works. It is worth noting that the answer assumes the given person is not a household member.

“33.4 Community Council employee” - (X) is marked in the relevant box if the enumerator has completed data on the household with the help of the employee of the Community Council.

Questionnaires are completed with the help of the Community Council employee only for those households where the enumerator has not been able to meet any of the household members after several visits due to absence from the community or the country during the time of the survey.

After completing the “Agricultural census 1-AC questionnaire” and, if necessary, “The appendix of Agricultural census 1-AC questionnaire” the enumerator asks the interviewee to tell his/her name, surname and writes it in a separate section at the end of the questionnaire so that the contact person is known in case of questions and clarifications at a later stage; he/she thanks for the time and information provided, once again checks for left out questions and whether the questionnaire is fully completed with the answers provided by the interviewee, signs and puts the date of the completion.

If appendix(ces) has/have also been completed for the given household, it is necessary to put them in the transparent file with the completed questionnaire of the given household in the correct order of questionnaires in the bag.

The instructor-controller signs the questionnaire and puts the date of checking the questionnaire only after checking the questionnaires.