

# Kosovo Agriculture in Numbers

2023

## Introduction

The document "Kosovo Agriculture in Numbers 2023" offers a condensed overview of crucial statistical indicators pertaining to the agricultural sector, providing a more accessible portrayal of the current developmental trends in agriculture. Prepared by the Department of Economic Analysis and Agricultural Statistics, this publication facilitates swift and user-friendly access to a diverse array of data, encompassing general statistics such as Gross Domestic Product, population, and the unemployment rate. Additionally, it covers key agricultural statistics specific to Kosovo, highlighting the sector's contribution to GDP, trade dynamics of agricultural products, trade balance, and land use data.

Furthermore, the publication delves into economic accounts, encompassing agricultural industry products and other essential economic components. It also includes data on input and agricultural product prices, agricultural and livestock production, incorporating plant production, wine production, and livestock indicators from supply balances. The document extends its coverage to trade statistics for agricultural products categorized by product groups and countries. Additionally, it encompasses data on agro-credits and support for the agriculture sector and rural development, encompassing direct payments and rural development measures

Events in recent years such as the COVID-19 pandemic, the war in Ukraine and middle east countries and other conflict have highlighted the urgent need for accurate statistics so that we can provide timely responses and monitor development trends for food security at the national level while formulating policies for sectoral development of agriculture in Kosovo. Therefore, the Department of Economic Analysis and Agricultural Statistics (DEAAS) is committed to providing access to current, reliable and timely data needed to determine the direction of agriculture sector. The source of the information in the publication is the organizational units of the MAFRD, the Agency for the Development of Agriculture (ADA) and the Statistics Agency of Kosovo (SAK).

## Overview

Based on the geographical configuration and climatic conditions, Kosovo has conditions and potential for the development of agriculture, taking into account that nearly half of the territory or 420,482 ha is classified as utilized agricultural land. In 2022, agriculture together with forestry contributed 7.4% to the total value of the Gross Domestic Product and nearly 23% to total employment. The value of the Gross Domestic Product at current prices was 8,936 million €, with GDP per capita in the amount of 4,486 €. The unemployment rate at the country level was 20.7%. The total utilized area of agricultural land was 420,482 ha, and it is presented with this categorization structure in percentages as follows: Meadows and pastures (including common land) with a participation of 52%, Arable land-fields 45%, Vegetables (in open field and greenhouse as first crop), gardens and nurseries 2%, Fruit plantations 2% and Vineyard plantations 1%. According to the latest Agricultural Economy Survey 2022, there was an increase in the area of agricultural land used by only 0.04% compared to 2021. The biggest increase is in areas with vegetables in greenhouses for 3.74%, nurseries for 7.14%, tree plantations 2.3% and vineyards with 0.03% as well as vegetables in the open field 1.10%

As for the agribusiness enterprises in Kosovo in 2022, it is estimated that there were a total of 3,164 active enterprises with a total of 17,178 employees and a monetary turnover of 888.7 million €.

Based on the activities of agricultural businesses for 2022, the activity of processing food products led with a turnover of 490.2 million. €, followed by the beverage production activity, with a turnover of 156.5 million. €, crop and animal production activity, hunting and related services with a turnover of 92.3 mil. €, production of wood and wood and cork products, except for furniture with a turnover of 86.0 mil. €, production of paper and paper products, with a turnover of 43.3 mil. €, production of leather and leather products 11.6 mil. €, followed by other activities such as forestry and wood cutting with a turnover of 5.8 million. € and fishing and aquaculture with a turnover of 3.0 mil. €.

Based on the Economic Accounts for Agriculture 2022, it appears that the value of crops and livestock products at current prices, crop products for the year 2022 is calculated at 654 million. €, or a 23% higher value compared to 2021 (532 million €), this increase is dedicated to the increase in the value of the production of cereals, fodder plants, vegetables and garden products, as well as

fruits and potatoes. However, as far as livestock products are concerned, their value is calculated at 315 million. €, or 14% higher compared to 2021 (277 million €).

If we refer to the following figure where the values of crops and livestock products are presented for the 5-year period, it can be seen that the year 2022 is the year with the highest values in terms of crop products and livestock products, which was 969 million. €, of which the value of crop products reached 654 million. €, while the value of livestock production is 315 million. €, where it is also presented as a year, where the value of crop production was the highest for the period 2018-2022. The production value of the agricultural industry in 2022 reached 1,016 million. € and was the highest value during the period, compared to the previous year and marked an increase of 19%, while the intermediate consumption is presented with an increase of 16%.

The gross added value in 2022 reached 622 million. €, where compared to the previous year it marked an increase of 20%, the intermediate consumption category marked a total value of 394 mil. € or 16% higher than in 2021, which was 340 million. €. Regarding the aggregated revenues presented in the following figure, for the period 2018-2022, the year 2022 is presented as the year with the highest value of revenues. Where during this year the gross added value at basic prices is calculated at 622 million. € or 20% higher than in 2021, the net added value at basic prices marked 484 mil. € or 24% higher than in 2021 as well as entrepreneurial income 470 mil. € or with a 25% increase compared to 2021.

When it comes to the structure of intermediate agricultural consumption for 2022, the data show us that the largest participation in this structure is represented by the category of animal feed with a participation of 53%, followed by the category of fertilizers and soil improvers with 14% , other goods and services by 9%, energy and lubricants by 7%, agricultural services by 5%, veterinary expenses and material maintenance by 3%, plant protection products and pesticides by 2%, as well as the building maintenance category with participation of 1%.

The annual index of prices of agricultural inputs in 2022, which represent the basis of the index of prices of inputs participate in one of two main groups: Goods and services currently consumed in agriculture (intermediate consumption), as well as Goods and services that contribute in agricultural investments (capital formation).

Of all the categories presented in the following table, the category with the most price increase in 2022, compared to 2021, is that of simple fertilizers within the category of fertilizers and soil improvers for 91.0% and compound fertilizers for 72.9%. A significant increase was also noted in energy and lubricants for 32.9% and materials for animal feed for 29.4%. There was no price drop in any category of inputs.

The annual index of inputs in 2022 has marked an increase of 31.5% for Input 1, compared to the same period of 2021, while the index for Input 2 had an increase of 10.7%. The general input price index (Input 1 + Input 2) compared to 2021, in 2022 has risen by 21.7%. In 2022, some average prices of agricultural products at the farm level decreased compared to 2021: spinach 25.9%, raspberries 10.9%, plums 3.7%, gooseberries 2.5 and apples and pears by 2.3 and 2.2%, while higher increases in the prices of the products they noted: farm chicken 65.1%, pumpkin 56.3%, wheat 45.0%, honey 26.4%, corn 14.3%, etc.

When it comes to the agricultural production of 2022, the total area planted with cereals in 2022 was 124,618 ha, which has increased by 140 ha more than in 2021. As in other years, during the year 2022 the largest area of cereals are the two main crops which are wheat and corn, 64% or 79,984 of the total area of cereals was planted with wheat and 32% or 39,797 ha were planted with corn. Other cereals such as barley, rye, oats and the other group of cereal grains had smaller areas. In terms of production, the production of wheat and corn has increased by 2.8%, the production of barley and oats by 4.8%, rye by 5.8% and other cereals by 12.5%. This increase was more the result of the increase in yield but also the fact that the areas recorded a small increase.

During the year 2022, a total of 19,571 ha of vegetable surfaces cultivated in open fields, greenhouses and gardens are calculated. The crops that make up most of this area are: potato, pepper, pumpkin, bean, onion, watermelon, cabbage, as well as other vegetable crops. If the difference between 2021 and 2022 is analyzed, as far as the total area with vegetables is concerned, it is observed that there is an increase of 0.9%. Vegetable crops have shown a slight increase in surface area, except for radish, peas and other legumes, which have shown a decrease in surface area.

During the year 2022, a total of 10,619 ha of trees were planted in Kosovo, or 2.3% more than in 2021. This area also marks the largest area planted with trees in recent years (2018-2022), where the average of the total of areas planted with trees for this period was 9,512 ha.

The cattle stock in 2022 was 250,899 heads, which constituted 47.2% of the total number of animals, compared to the previous year where dairy cows represented 52% of the total number of cattle, while the sheep and goat stock was 233,488 heads, which constitutes 43.9% of the total number of animals. From the total fund of sheep and goats, the overwhelming part of 87.4% or 204,110 belong to the group of sheep, while the other part of 12.6% or 29,378 heads belong to the group of goats

From the total animal fund, the pig fund (45,420 heads) has a participation of 8.5%. The number of horses, donkeys and mules in 2022 is 1,469 heads, which has decreased by 21.2% or 395 heads less than in 2021.

The total number of poultry in 2022 has decreased by 6.2%, or 174 thousand poultry less than last year. The number of chickens per egg has decreased by 5.5% compared to last year. In 2022, the total production of eggs is estimated to be 363 million. Eggs, where the average consumption per capita is calculated to be around 206 eggs/year. In 2021 the number of hives decreased by 43,464 hives, due to the fact that bee colonies collapsed after the winter was extremely cold and long. This is also the main threat to bee colonies as it is related to intensive farming practices and poor bee nutrition. In addition, they are attacked by viruses, pathogens and invasive species.

Since 2021, beekeeping has faced a reduction in the number of beehives, a trend that continued in 2022, where compared to 2021 there are 22,955 hives less or 10.5%, since the climatic conditions of 2021 and 2022 were quite inappropriate for their development. The amount of import depends on the local production in the respective year and this is also reflected in the degree of self-sufficiency

for agricultural products, which for some of the agricultural products among the most cultivated in 2021 are presented as follows: Cereals (wheat 69.7% and corn 81%) , Vegetables (Tomatoes 64.1%, Peppers 86.5%, Potatoes 94%%) and Orchards and Vineyards (Apples 78.5%%, Plums 97.8%%, Gooseberries 62.5%%, Table Grapes 74%%). In the livestock sector, the production of beef has a self-sufficiency rate of 40.1% %, cow's milk 81%%, eggs 99% and chicken meat 7.5% % and honey 88%% Export value of agricultural products in 2022 value of export of agricultural products was 118.9 mil. €, which represents an increase of 28.4% compared to the previous year. The trade balance continues to be negative since the import value in 2022 was around 1.2 billion. €, with an increase of 24.0% compared to 2021. Even in 2022, the trade balance continues to be negative, with a value of 1.1 billion. €, while in terms

of the degree of coverage of import with export, in 2022 it was at a rate of 9.9%. The highest value of export according to groups of countries for 2022 was in the CEFTA countries with 55%, followed by EU countries with 35% and other countries with 10%. While the highest import value was from the group of EU countries with 48%, followed by CEFTA countries and other countries with 26% each.

During 2022, the total amount of agro loans disbursed is 496.8 thousand. €, while interest rates vary from 5.6% to 28.6%, based on the loan amount and the repayment period. The participation of loans in agriculture compared to other loans, in Banks and MFIs, differs. In Banks, the declaration of participation is from 0.4% to 11.5%. In MFIs, the declaration of participation varies from 16.5% to 38%, which as an average is over 23%. The support of agriculture has continued in 2022 through the Direct Payments Program and the Rural Development Program where 57.5 million were realized through the Direct Payments Program. €, since compared to 2021 the support has almost doubled. The sectors for which the largest part of the budget was spent in 2022 (75.5% of the total budget) are: wheat, corn, dairy cows, bees and vegetables, while the rest of 25% was spent in other sectors. From the total number of applicants of 28,981 farmers, in 2022, 95% (27,646) were male applicants and 5% (1,335) were female applicants. From the total budget for the support of these measures and sub-measures through the Rural Development Program within the RDP, in 2022 a total of 491 people have benefited and the amount applied for approved projects was a total of 38.8 million. €, the amount approved was 35.9 million. €, while the amount for payment (public support) for these projects was a total of 24.2 million. €.

According to the measures, the amount paid and the number of beneficiaries was: for Measure 1 there were a total of 382 beneficiaries and the amount for payment was 20.2 million. €, Measure 3 had a total of 6 beneficiaries and the amount for payment was €995,238, Measure 5 had 6 beneficiaries and the amount for payment was €59,695 and Measure 7, had a total of 97 beneficiaries and the amount for payment was 3 mil. €.

## General statistics

General data for Kosovo					
	2018	2019	2020	2021	2022
Gros domestic product at current prices (mil. €)	6,672	7,056	6,772	7,958	8,936
GDP per capita (€)	3,715	3,959	3,772	4,486	5,037
Population of Kosovo (estimated)	1,795,666	1,782,115	1,798,188	1,773,971	-
Unemployment rate (%)	29.6	25.7	25.9	20.7	12.6

Source: KAS

## Main statistics for agriculture in Kosovo

Agriculture in Economy					
	Ø 2006-10	Ø 2011-15	Ø 2016-20	2021	2022
Agriculture, hunting, forestry and fishing-Gross Value Added at current prices (GVA), (mil. €)		402.3	479.0	550.9	657.6
Participation of agriculture in GDP (%)		12.1	7.1	6.9	7.4
Agricultural exports (mil. €)	19.1	34.6	62.8	92.6	118.9
Share of agricultural exports in total exports (%)	10.5	11.2	16.3	12.4	12.9
Agricultural imports (mil. €)	419.0	594.0	718.1	965.6	1,197.1
Share of agricultural imports in total imports (%)	23.6	23.5	22.5	20.8	21.2
Trade balance for agricultural products (mil. €)	(399.9)	(559.4)	(655.2)	(872.9)	(1,078.2)

Source: KAS

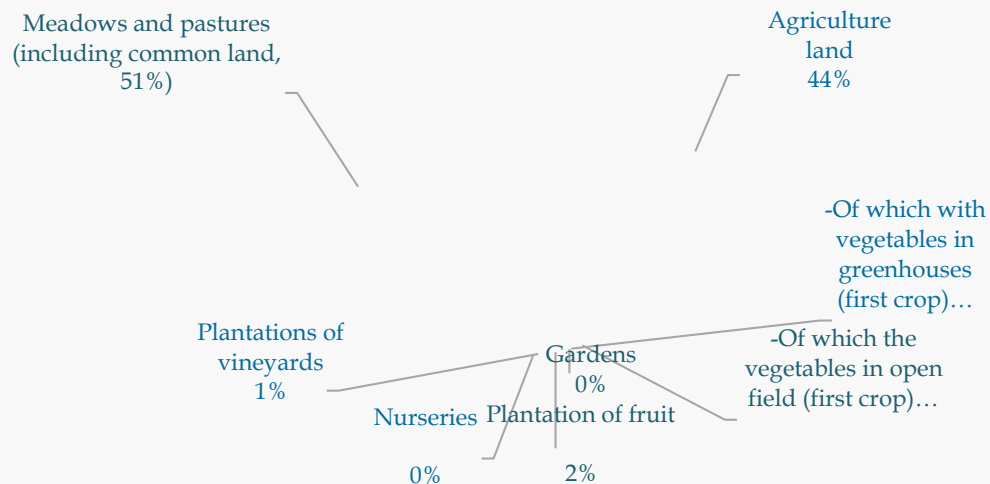


## Land use

Agricultural land use					
	2018	2019	2020	2021	2022
Arable land - fields	188,359	188,365	188,372	188,375	188,405
- Of which with the vegetables in the open field (first crop)	7,818	8,319	8,435	8,491	8,584
- Of which with the vegetables in greenhouses (first crop)	468	518	547	562	583
Gardens	1,003	1,122	1,133	1,089	1,080
Plantations of fruit)	7,687	9,244	10,029	10,144	10,377
Plantations of vineyards	3,272	3,367	3,437	3,471	3,472
Nurseries	109	111	137	140	150
Meadows and pastures (including common land)	218,152	217,932	217,102	217,107	216,998
<b>Total utilized agricultural land</b>	<b>418,582</b>	<b>420,141</b>	<b>420,210</b>	<b>420,327</b>	<b>420,482</b>

Source: KAS – Agricultural Household Survey '18,'19,'20,'21,'22

## AGRICULTURE LAND USE, 2022



Sours: KAS – Agricultural Household Survey, 2022

## Economic Account

Production of the agricultural industry at current prices, mil. €					
	2018	2019	2020	2021	2022
Crop output	388.3	441.0	477.4	532.0	654.0
Cereals	84.8	96.8	116.1	125.6	150.8
Forage crops	106.5	113.9	121.0	133.7	163.2
Vegetables and garden products	98.6	123.1	109.1	122.4	146.4
Potatoes	27.8	24.3	27.1	40.3	44.5
Fruits	66.5	78.6	99.9	106.5	114.2
Other crop outputs	4.0	4.2	4.1	3.6	2.9

Livestock	140.3	164.7	164.6	142.5	145.2
Cattle	73.7	91.0	67.8	62.7	66.9
Sheep and goats	21.0	23.3	27.2	25.9	27.8
Pigs	16.5	13.8	18.4	18.9	20.7
Poultry	15.3	17.4	24.0	22.1	18.9
Other animals	14.2	19.1	27.2	12.6	11.2
Livestock product	132.0	129.3	137.9	134.3	154.7
Milk	103.2	101.3	107.7	102.8	116.3
Eggs	28.2	28.0	30.1	31.4	38.4
Other livestock products	0.1	0.1	0.1	0.1	0.1

Sours: KAS - Agricultural Household Survey '18,'19,'20,'21,'22

Main components of economic accounts with the basic prices, mil.€					
	2018	2019	2020	2021	2022
Production of agricultural industry	704.7	782.3	828.4	856.4	1,016.0
Intermediate consumption	302.0	305.4	316.3	339.7	394.4
Gross Value Added	402.7	476.9	512.1	516.7	621.6
Consumption of fix capital	108.2	116.7	121.0	127.8	137.9
NET value Added	294.4	360.3	391.1	389.0	483.7
Other subsidies on production	2.1	0.3	0.2	-	-
Factor income	296.5	360.6	391.1	388.9	-
Entrepreneurial income	280.5	343.5	376.0	376.4	470.2

Sours: KAS - Agricultural Household Survey '18,'19,'20,'21,'22

## Price of Inputs and Agricultural Products

Agricultural input price Index					
	2018	2019	2020	2021	2022
Goods and services currently consumed in agriculture (Input 1)	94.0	95.8	92.7	103.1	135.6
Seeds and planting material	78.1	83.7	84.2	83.5	86.4
Energy; lubricants	106.5	106.3	92.0	105.2	139.8
Fertilizer and soil improvers	85.9	88.5	87.3	113.4	203.5
Plant protection products and pesticides	105.4	106.3	103.5	105.9	115.7
Veterinary expenses	97.5	99.3	98.0	100.7	104.4
Animal feeding stuffs	103.2	107.6	110.1	120.5	155.9
Maintenance of materials	99.8	99.5	99.2	99.5	103.7
Maintenance of buildings	98.6	99.3	101.5	104.8	113.0
Other Goods and services	100.9	101.4	101.3	105.0	105.9
Goods and services contributing to agricultural investment (Input 2)	102.6	109.9	111.5	116.8	129.4
Tractors	105.2	119.0	120.8	130.6	143.3
Others	100.3	101.8	103.3	104.6	117.1
Input total (Input 1 + input 2)	97.8	102.1	101.1	109.2	132.8

Source: KAS – Input price Index and prices in agriculture 2018-2022 (2015=100), completed by DEAAS – MAFRD

Annual prices for electricity energy and diesel oil, €					
	2018	2019	2020	2021	2022
Electricity - price per 100 kwh	5.8	5.6	5.6	5.7	5.9
Diesel oil -price per 100 liter	112.7	114.9	92.6	110.2	124.7

Source: KAS -Input Price Index and Prices in Agriculture 2018-2022

## Prices of Agricultural Products

Annual Average Farm gate prices, €/kg					
	2018	2019	2020	2021	2022
Wheat	0.23	0.18	0.19	0.20	0.29
Maize	0.26	0.22	0.25	0.28	0.32
Tomatoes	0.62	0.57	0.33	0.52	0.66
Beans	2.27	2.03	2.31	2.38	2.49
Pumpkin *	0.90	0.81	0.17	0.16	0.25
Stella blue squash*	0.84	0.81	0.22	0.29	0.39
Cabbage	0.40	0.19	0.23	0.31	0.36
Potato	0.33	0.27	0.28	0.42	0.49
Onion	0.37	0.46	0.37	0.41	0.48
Watermelon	0.23	0.19	0.18	0.21	0.21
Pepper	0.91	0.76	0.54	0.62	0.78
Spinach	0.94	0.94	0.76	1.16	0.86
Cucumber	0.46	0.48	0.31	0.54	0.67
Walnut	2.72	2.16	2.06	2.13	2.57
Pear	0.79	0.81	0.72	0.91	0.89
Strawberry	1.03	1.12	1.16	1.22	1.19
Plum	0.73	0.51	0.71	0.81	0.78
Raspberry	1.67	1.77	1.73	3.50	3.12
Apple	0.40	0.39	0.31	0.44	0.43
Table grape	0.78	0.68	0.63	0.53	0.69
Bulls and Heifers	2.14	1.97	2.21	2.53	2.71
Farm chicken	1.80	1.68	1.72	1.89	3.12
Milk	0.25	0.21	0.23	0.31	0.34
Eggs **	2.10	2.07	2.26	2.12	2.54
Honey	9.20	11.85	13.60	11.50	14.54

Source DEAAS - MAFRD; \*2018-2019 €/pcs, 2020-22 €/kg, \*\*unit 30 pieces

Annual Average consumer prices, €/kg					
	2018	2019	2020	2021	2022
Wheat	0.28	0.36	0.38	0.36	0.42
Maize	0.48	0.54	0.62	0.46	0.42
Tomatoes	0.84	0.80	0.77	0.94	1.26
Beans	2.64	2.66	2.60	2.67	3.01
Pumpkin *	1.19	1.16	0.42	0.34	0.61
Stella blue squash *	1.26	1.22	0.45	0.51	0.75
Cabbage	0.59	0.55	0.47	0.55	0.55
Potato	0.43	0.50	0.48	0.49	0.60
Onion	0.47	0.65	0.64	0.57	0.71
Watermelon	0.40	0.30	0.45	0.28	0.28
Pepper	1.17	1.06	1.08	1.08	1.38
Spinach	1.12	1.18	1.07	1.08	1.08
Cucumber	0.61	0.67	0.65	0.86	1.06
Walnut	2.89	2.61	2.56	2.96	3.22
Pear	0.94	1.13	1.35	1.45	1.48
Strawberry	1.89	1.49	1.97	1.87	1.93
Plum	0.84	0.75	0.79	1.48	1.08
Raspberry	2.60	2.44	2.26	4.25	3.93
Apple	0.53	0.60	0.74	0.84	0.69
Table grape	1.09	0.98	1.09	1.20	1.52
Bulls and Heifers	3.80	3.75	3.02	2.49	3.05
Farm Chicken	2.37	2.33	2.13	2.38	4.51
Milk	0.49	0.51	0.48	0.49	0.60
Eggs **	2.45	2.50	2.61	2.57	3.61
Honey	7.50	7.40	7.50	10.77	11.42

Source: DEAAS - MAFRD; \*2018-2019 €/pcs, 2020-22 €/kg, \*\*unit 30 pieces

Annual average import prices, €/kg					
	2018	2019	2020	2021	2022
Wheat	0.31	0.38	0.38	0.36	0.35
Maize	0.33	0.53	0.45	0.43	0.32
Tomatoes	0.91	0.97	1.19	0.97	1.36
Beans	2.03	1.97	2.01	2.36	2.77
Pumpkin *	1.18	1.12	0.28	0.31	0.41
Stella blue squash *	1.50	0.90	0.46	0.43	0.52
Cabbage	0.39	0.56	0.64	0.52	0.44
Potato	0.66	0.55	0.84	0.56	0.70
Onion	0.39	0.52	0.61	0.55	0.58
Watermelon	0.96	1.61	0.85	0.79	0.89
Pepper	1.18	1.46	1.50	1.23	1.86
Spinach	1.15	1.49	1.19	1.21	0.78
Cucumber	0.94	1.08	1.21	1.00	1.12
Walnut	2.44	2.40	2.06	2.42	2.67
Pear	1.28	1.34	1.47	1.48	1.36
Strawberry	2.96	2.69	2.94	2.63	2.30
Plum	2.83	3.49	2.34	2.19	1.56
Raspberry	-	1.70	-	-	-
Apple	0.83	0.78	0.82	0.77	0.72
Table grape	2.45	2.66	1.97	2.78	2.48
Bulls and Heifers	2.90	3.05	2.87	2.98	2.75
Farm chicken	2.60	2.35	2.21	2.72	-
Milk	-	-	-	-	-
Eggs **	2.10	2.35	2.15	2.21	3.31
Honey	8.60	7.85	8.60	7.54	11.39

Source: DEAAS - MAFRD; \*2018-19 €/pcs, 2020-22 €/kg, \*\*unit 30 pieces

## Crop and Livestock Production

Crop Production, ha					
	2018	2019	2020	2021	2022
Cereals	123,869	124,199	124,714	124,477	124,618
Wheat	81,123	80,273	80,473	79,970	79,984
Maize	38,453	39,441	39,684	39,710	39,797
Vegetables	17,886	18,911	19,243	19,399	19,571
Potato	3,606	3,688	3,771	3,854	3,884
Pepper	3,038	3,108	3,134	3,146	3,154
Beans	2,845	2,888	2,904	2,914	2,941
Pumpkin	2,255	2,502	2,577	2,612	2,628
Orchards	7,922	9,479	10,265	10,382	10,619
Apple	2,556	3,006	3,068	3,083	3,091
Plum	1,821	2,096	2,201	2,210	2,214
Raspberry	1,537	1,637	1,661	1,665	1,668
Walnut	608	886	1,295	1,352	1,540
Vineyards	3,272	3,367	3,437	3,471	3,472
Wine grape	2,455	2,489	2,526	2,533	2,521
Table grape	816	878	911	938	951
Forage crops	107,099	108,480	108,436	108,560	108,551
Hay	70,679	70,679	70,717	70,723	70,736
Alfalfa	17,182	18,293	18,329	18,360	18,359
Industrial crops	329	402	1,065	885	887

Source: KAS - Agricultural Household Survey '18,'19,'20,'21,'22; MAFRD - Department of Vineyards and Wines (DVW)



Crop Production, t					
	2018	2019	2020	2021	2022
Cereals	441,757	459,404	529,112	504,371	518,724
Wheat	280,616	284,999	341,818	322,018	330,913
Maize	151,921	163,930	175,180	170,393	175,226
Vegetables	265,420	300,559	290,555	282,734	295,802
Potato	68,790	73,816	74,508	73,984	75,500
Pepper	49,907	59,404	53,889	52,381	55,353
Beans	5,688	6,713	5,708	5,349	5,597
Pumpkin	20,208	23,050	22,535	22,326	22,551
Orchards	53,606	67,294	72,265	67,533	75,713
Apple	26,093	33,835	38,049	37,381	40,028
Plum	10,643	12,745	13,147	11,247	13,284
Raspberry	8,267	7,206	6,659	5,840	6,740
Walnut	761	2,028	2,591	2,108	3,100
Vineyards	27,322	19,318	26,330	26,527	23,506
Wine grape	22,324	14,772	20,049	19,091	16,461
Table grape	4,998	4,546	6,281	7,435	7,045
Forage crops	480,966	504,406	503,758	481,952	493,955
Hay	249,559	249,683	247,921	233,323	240,783
Alfalfa	73,754	84,257	85,503	82,330	85,044
Industrial crops	392	576	1,347	1,022	1,180

Source: KAS – Agricultural Household Survey '18,'19,'20,'21,'22; DVW – MAFRD

**Crop production, t/ha**

		2018	2019	2020	2021	2022
Cereals	Wheat	3.5	3.6	4.3	4.0	4.1
	Maize	4.0	4.2	4.4	4.3	4.4
Vegetables	Potato	19.1	20.0	19.8	19.2	19.4
	Pepper	16.4	19.1	17.2	16.7	17.6
	Beans	2.0	2.3	2.0	1.8	1.9
	Pumpkin	9.0	9.2	8.7	8.6	8.6
	Apple	10.2	11.3	12.4	12.1	13.0
Orchards	Plum	5.8	6.1	6.0	5.1	6.0
	Raspberry	5.4	4.4	4.0	3.5	4.0
	Walnut	1.3	2.3	2.0	1.6	2.0
Vineyard	Table grape	6.1	5.2	6.9	7.9	7.0
	Wine grape	9.1	5.9	7.9	7.5	16.5
Forage crops	Hay	3.5	3.5	3.5	3.3	3.4
	Alfalfa	4.3	4.6	4.7	4.5	4.6

Source: Agricultural Household Survey '18,'19,'20,'21,'22; DVW – MAFRD

**Wine production, '000 litra**

	2018	2019	2020	2021	2022
White wine	6,234	3,380	5,100	4,744	4,643
Red wine	5,441	2,325	4,295	3,001	3,140
Rose wine	69	49	35	40	79
<b>Total wine</b>	<b>11,744</b>	<b>5,754</b>	<b>9,429</b>	<b>7,785</b>	<b>7,862</b>

Source: DVW – MAFRD

Number of animal poultry and bees					
	2018	2019	2020	2021	2022
Cattle	258,662	257,733	261,389	260,528	250,899
Dairy cows	132,474	131,939	133,916	132,076	130,493
Sheep and goats	209,808	216,299	241,688	241,393	233,488
Sheep	181,105	189,102	212,131	211,354	204,110
<i>Sheep for breeding's</i>	139,312	145,248	159,067	156,666	151,011
Goats	28,703	27,197	29,557	30,039	29,378
<i>Goats for breeding</i>	22,401	20,602	21,907	22,234	21,663
Pigs	40,164	40,533	45,394	47,384	45,420
Sows	10,188	11,422	12,756	13,502	13,039
Poultry ('000)	2,538	2,665	2,782	2,788	2,614
Chickens ('000)	2,393	2,558	2,637	2,643	2,482
<i>Laying hens ('000)</i>	1,728	1,947	1,939	1,996	1,886
Broilers ('000)	407	321	384	346	323
Beehives	182,476	219,831	262,541	219,077	196,122

Source: KAS - Agricultural Household Survey

Livestock Production, t					
	2018	2019	2020	2021	2022
Beef meet ( s.w)	19,463	19,495	19,738	19,833	19,659.0
Chicken meat (s.w)	3,023	2,508	2,671	3,007	3,029
Cow's milk	277,599	277,138	281,960	278,746	276,058
Eggs ('000 pieces)	315,097	366,447	365,554	423,640	363,031
Honey	2,737	2,198	788	1,634	1,765

Source: DEAAS - MAFRD

## Supply balance of agricultural production

Consumption per capita for some agricultural products, kg						
		2018	2019	2020	2021	2022
Cereals	Wheat	200.3	231.9	204.0	207.0	213.0
	Maize	44.7	47.0	49.4	44.0	40.0
	Potato	33.6	38.7	37.6	45.0	45.0
Vegetables	Pepper	33.0	37.9	33.4	34.0	35.0
	Tomatoes	21.5	20.7	19.4	21.0	18.0
Orchards	Apple	19.1	23.0	27.0	27.0	29.0
	Plum	6.6	8.3	8.5	7.0	9.0
	Strawberry	1.1	1.0	1.1	1.0	2.0
Vineyards	Table grape	4.1	4.0	4.9	6.0	5.0
Meat	Beef meat	19.3	20.1	21.0	25.5	27.7
	Chicken meat	21.1	22.9	20.9	24.5	22.9
Other products	Cow's milk	167.8	171.8	169.6	171.0	165.0
	Eggs (pieces)	177.8	208.5	206.0	239.2	206.0
	Honey	1.6	1.4	0.6	1.1	1.1

Source: DEAAS - MAFRD

Self-sufficiency ratio for some agricultural products (%)		2018	2019	2020	2021	2022
Cereals	Wheat	63.0	57.0	73.3	69.6	69.7
	Maize	73.9	74.8	75.1	78.0	81.3
	Potato	113.5	106.7	109.9	92.4	94.0
Vegetables	Pepper	82.0	85.6	87.2	84.9	86.5
	Tomatoes	57.5	59.8	56.9	50.8	61.4
Orchards	Apple	75.7	80.2	77.6	77.6	78.5
	Plum	99.6	95.5	95.1	94.5	97.8
	Strawberry	75.0	69.1	78.5	73.4	62.5
Vineyards	Table grape	67.7	57.0	71.0	72.0	74.0
Meat	Beef	56.1	54.0	52.2	43.9	40.1
	Chicken meat	8.0	6.1	7.1	6.9	7.5
Other products	Cow's milk	79.9	78.6	80.1	79.6	81.3
	Eggs (pieces)	98.7	98.6	99.0	99.0	99.0
	Honey	92.9	90.6	76.0	85.0	88.0

Source: DEAAS - MAFRD

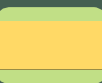
# Trade of Agricultural Products

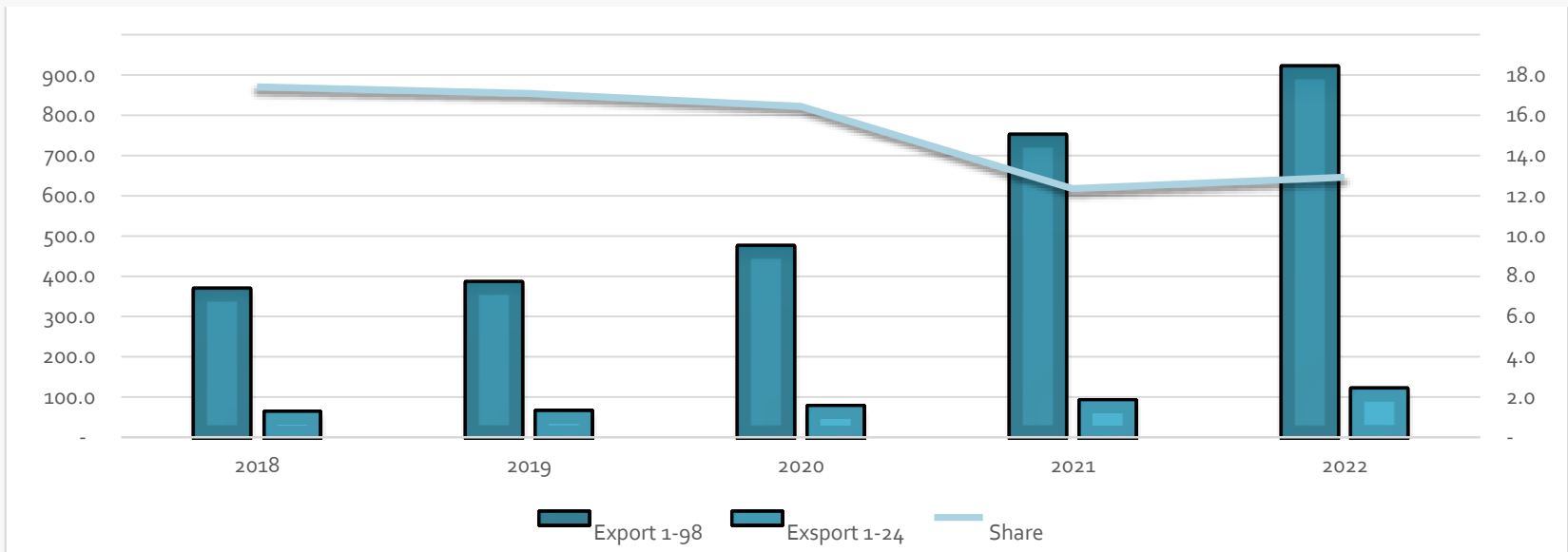
Export, Import and Trade Balance of agricultural products (1-24), in mil. €



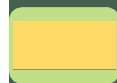
Source: KAS, compiled by DEAAS - MAFRD

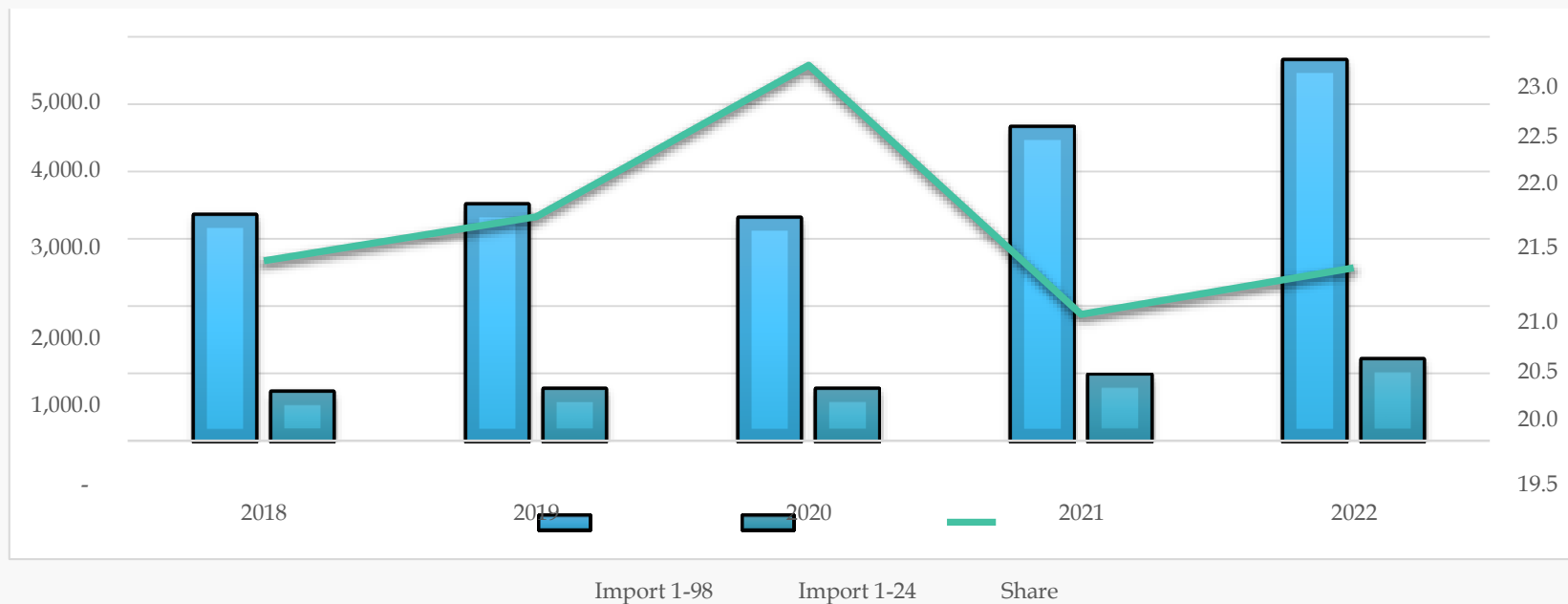
\*Commodity groups 01-24 of the Combined Nomenclature





Source: KAS, compiled by DEAAS - MAFRD





Source: KAS, compiled by DEAAS - MAFRD

Export of agricultural products by main groups (%)					
	Ø 2006-10	Ø 2011-15	2016-20	2021	2022
Export (mil. €)	19.1	34.6	62.8	92.6	118.9
Meat and preparation of meat (CN 02 and CN 16)	0.5	0.7	1.8	5.1	13.1
Dairy products ; eggs; natural honey (CN 04)	1.4	0.7	1.0	1.3	1.8
Remains from the food industry; Fodder food (CN23)	1.6	2.7	1.6	1.6	1.8
Various edible preparations (CN 21)	0.8	0.6	0.8	1.3	1.3



## Share of agricultural products in total imports, in mil €

Drinks, alcohol and vinegar (CN 22)	23.1	34.7	40.5	39.5	<del>23.5</del> 32.8
Edible fruits and vegetables (CN 08 and CN 07)	22.7	15.8	21.7	19.2	15.9

Source: KAS, compiled by DEAAS - MAFRD

Import of agricultural products by main groups (%)					
	Ø 2006-10	Ø 2011-15	2016-20	2021	2022
Import (mil. €)	419.0	594.0	718.1	965.6	1,197.1
Edible fruits and vegetables (CN 08 and CN 07)	7.9	7.6	8.4	7.7	6.6
Meat and meat preparation (CN 02 and CN 16)	12.7	13.5	12.8	12.4	14.1
Remains from the food industry; Fodder food (CN23)	2.9	2.9	2.6	3.0	2.8
Various edible preparations (CN 21)	6.4	7.8	9.5	9.4	8.9
Dairy products; eggs; natural honey (CN 04)	7.0	6.3	6.5	6.1	6.4
Preparation from cereals, flour, or starch (CN 19)	7.9	8.4	9.0	9.2	8.8
Drink, alcohol and vinegar (CN 22)	11.8	10.2	10.6	11.9	11.3
Other	43.4	43.3	40.5	40.3	41.0

Source: KAS, compiled by DEAAS - MAFRD

Export of agricultural products by main countries (%)					
	Ø 2006-10	Ø 2011-15	2016-20	2021	2022
Export (mil. €)	19.1	34.6	62.8	92.6	118.9
Bulgaria	1.1	0.7	2.8	3.2	2.7
Germany	8.7	6.5	12.3	12.9	10.1
North Macedonia	20.2	15.6	12.2	13.4	14.1
Serbia	11.8	8.2	9.0	9.8	7.7
Albania	36.3	38.7	32.8	28.4	26.3
Switzerland	0.9	2.0	2.9	2.9	2.9
Other	21.1	28.3	28.0	29.5	36.2

Source: KAS, compiled by DEAAS – MAFRD

Import of agricultural products by main countries (%)					
	Ø 2006-10	Ø 2011-15	2016-20	2021	2022
Import (mil. €)	419.0	594.0	718.1	965.6	1,197.1
Bulgaria	3.4	2.9	3.5	2.5	2.7
Germany	4.5	8.4	7.5	7.6	7.2
Croatia	4.0	3.7	5.3	6.0	5.4
North Macedonia	11.9	7.3	7.4	6.1	5.1
Poland	2.5	3.5	6.8	6.9	5.6
Turkey	7.0	6.1	7.0	8.3	7.7
Other	66.6	68.1	62.5	62.7	66.3

Source: KAS, compiled by DEAAS - MAFRD

## Agro Loans

Agro Loans 2018 - 2022	Number of loans disbursed	Total amount of disbursed loans (mil. €)	Loan duration (months)	Average interest rate (%)	Participation of Agro Loans in total Loans (%)
2018	26,403	91.3	Dec-39	6.0 - 28.5	1.3 - 64.5
2019	21,622	115.1	18 - 42	6.4 - 28.4	0.7 - 43.5
2020	22,958	83.2	18 - 40	5.3 - 28.6	0.5 - 36.7
2021	18,477	98.9	18 - 41.5	5.2 - 24	0.4 - 33
2022	19,962	108.3	18 - 41.9	5.2 - 28.6	0.4 - 38
<b>Total</b>	<b>109,422</b>	<b>496.8</b>			

Source: Commercial Banks and MFI in Kosovo, compiled by DEAAS – MAFRD

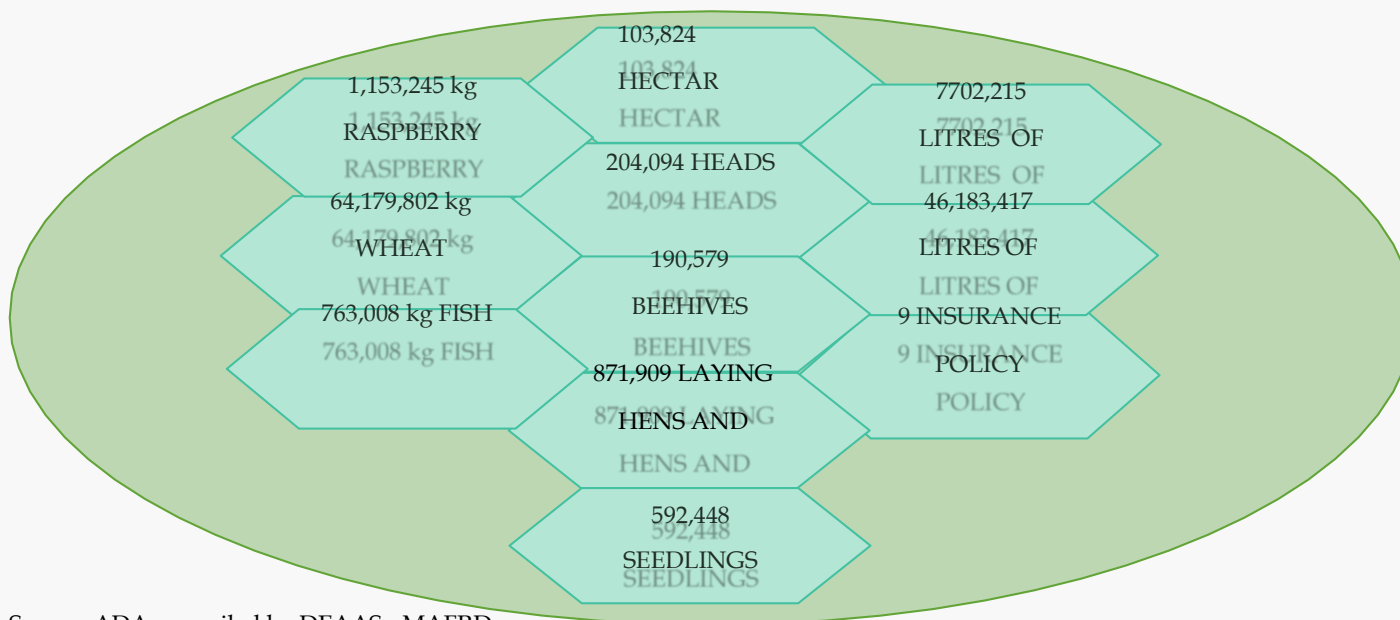
## Support of the Agricultural and Rural development sector

Direct payments and grants in mil. €					
	2018	2019	2020	2021	2022
Direct payments	29.6	30.6	69.5	28.9	57.5
Grants	31	16.1	29.4	9.7	26.3
<b>Total</b>	<b>60.6</b>	<b>46.7</b>	<b>96.4</b>	<b>38.7</b>	<b>83.8</b>

Source: ADA, compiled by DEAAS - MAFRD

### Direct payments

#### Units supported through the direct payments in 2022



Source: ADA, compiled by DEAAS - MAFRD

Direct payments for crops, wine and seedlings						
	2018	2019	2020	2021	2022	
	Number of applicants	10,683	8,872	11,044	6,862	11,331
	Number of beneficiaries	10,311	8,698	10,729	6,553	11,130
Wheat	Number of ha paid	43,673	35,287	46,931	27,860	49,893
	Payment per ha	150	150	300	75	354
	Total amount paid	6,550,929	5,292,996	14,079,396	3,287,048	17,661,357
	Number of applicants	11	15	25	16	3
	Number of beneficiaries	11	15	24	14	3
Wheat seed	Number of ha paid	458	562	869	528	161
	Payment per ha	250	250	500	250	304
	Total amount paid	114,204	140,395	434,540	131,913	48,895
	Number of applicants	8,432	9,526	10,020	7,510	11,331
	Number of beneficiaries	8,165	9,370	9,808	7,224	11,651
Maize	Number of ha paid	21,519	27,483	28,493	18,934	35,876
	Payment per ha	150	150	300	150	329
	Total amount paid	3,227,784	4,122,464	8,547,885	2,840,082	11,803,368
	Number of applicants	316	273	242	856	455
	Number of beneficiaries	306	267	233	820	437
Barley	Number of ha paid	518	488	442	2,054	753
	Payment per ha	150	150	300	150	204
	Total amount paid	77,688	73,194	132,645	308,040	153,708
	Number of applicants	83	70	59	182	131
	Number of beneficiaries	72	67	56	173	124
Rye	Number of ha paid	196	196	195	532	413
	Payment per ha	150	150	300	150	204
	Total amount paid	29,343	29,423	58,623	79,845	84,152

Oat	Number of applicants	-	505	569	746	876
	Number of beneficiaries	-	485	538	706	829
	Number of ha paid	-	928	1,321	1,665	1,695
	Payment per ha	-	150	300	150	204
	Total amount paid	-	139,161	396,261	249,689	345,727
Vineyards	Number of applicants	3,012	2,939	2,919	35	2,722
	Number of beneficiaries	2,949	2,900	2,880	11	2,694
	Number of ha paid	2,580	2,989	3,080	197	2,724
	Payment per ha	1,000	1,000	2,000	125/200	1,054
	Total amount paid	2,580,250	2,988,810	6,160,400	2,520,246	2,870,896
Sunflower	Number of applicants	5	11	5	6	7
	Number of beneficiaries	4	11	3	6	4
	Number of ha paid	5	97	40	20	46
	Payment per ha	150	150	300	150	224
	Total amount paid	749	14,621	12,036	2,946	10,192
Vegetables	Number of applicants	6,664	7,270	4,676	3,917	4,333
	Number of beneficiaries	6,435	7,099	4,481	3,802	4,155
	Number of ha paid	8,977	8,295	9,210	6,870	7,014
	Payment per ha	300	300	600	400/500	204/554/
	Total amount paid	2,693,021	2,488,506	5,525,712	2,764,378	1
Existing Orchards	Number of applicants	5,278	3,557	3,166	2,929	3,620,710
	Number of beneficiaries	5,097	3,488	3,034	2,774	3,396
	Number of ha paid	4,764	4,142	4,757	4,536	3,251
	Payment per ha	400	400	800	400	5,013
	Total amount paid	1,905,548	1,656,812	3,805,736	1,814,448	504
Organic farming	Number of applicants	37	27	48	35	2,526,360
	Number of beneficiaries	24	26	38	11	20
	Number of ha paid	443	1,050	1,672	197	9
	Payment per ha	500	500	1,000	125/200	198

				450/500	+50***	
	Total amount paid	277,578	524,900	1,672,210	81,150	89,469
Wine	Number of applicants	16	15	18	17	18
	Number of beneficiaries	14	15	17	17	17
	Number of ha paid	4,769,358	9,734,385	5,711,290	9,148,751	7,702,215
	Payment per ha	0	0	0	0.08	0.04
	Total amount paid	190,774	389,375	228,452	731,900	308,089
Raspberry	Number of applicants	-	967	525	376	557
	Number of beneficiaries	-	594	386	320	365
	Number of ha paid	-	898,547	1,055,337	864,717	1,153,245
	Payment per ha	-	0	0	0.12	0.15
	Total amount paid	-	71,883	168,854	103,766	172,987
Seedlings	Number of applicants	16	14	13	17	19
	Number of beneficiaries	15	11	13	14	18
	Number of ha paid	483,230	435,200	469,194	607,348	592,448
	Payment per ha	0.10/0.15/0.20	0.10/0.15/0.20	0.10/0.15/0.20	0.10/0.15/0.20	0.15/0.20/0.25
	Total amount paid	82,046	69,600	155,495	92,477	133,464
Medicinal and aromatic plants	Number of applicants	-	-	84	62	78
	Number of beneficiaries	-	-	70	56	54
	Number of ha paid	-	-	248	60	39
	Payment per ha	-	-	450	450	504
	Total amount paid	-	-	111,479	26,933	19,601
Insurance policy	Number of applicants	-	-	9	-	9
	Number of beneficiaries	-	-	5	-	9
	Number of subsidized policies	-	-	5	-	9
	Policy payment per policy, %	-	-	50	-	75
	Total amount paid	-	-	1,769	170	1,775

Source: ADA - MAFRD

Direct payments for livestock and milk						
	2018	2019	2020	2021	2022	
Dairy cow	Number of applicants	7,595	6,775	7,027	6,210	5,773
	Number of beneficiaries	7,395	6,606	6,905	6,105	5,589
	Number of heads paid	67,811	62,478	67,295	57,571	52,527
	Payment for head	70	70	140	85	90
	Total amount paid	4,746,770	4,373,460	9,421,300	4,893,535	4,727,430
Buffalos	Number of applicants	-	6	5	5	4
	Number of beneficiaries	-	6	4	4	4
	Number of heads paid	-	256	347	31	26
	Payment for head	-	70	140	85	90
	Total amount paid	-	17,920	48,580	2,635	2,340
Sheep and goats	Number of applicants	1,436	1,380	1,515	1,379	1,334
	Number of beneficiaries	1,378	1,355	1,469	1,329	1,296
	Number of heads paid	153,241	160,768	170,985	149,784	141,792
	Payment for head	15	15	30	20	25
	Total amount paid	2,298,615	2,411,520	5,129,550	2,995,680	3,544,800
Sows	Number of applicants	210	216	251	158	140
	Number of beneficiaries	202	211	235	133	116
	Number of heads paid	1,366	1,405	1,877	1,042	895
	Payment for head	20	20	40	20	25
	Total amount paid	27,320	28,100	75,080	20,840	22,375
Beehives	Number of applicants	3,007	3,411	3,941	3,373	3,098
	Number of beneficiaries	2,764	3,238	3,634	3,133	3,016
	Number of paid hives	164,739	204,730	233,227	192,551	190,579
	Payment per hives	15	15	30	15	20/25
	Total amount paid	2,471,085	3,070,950	6,996,810	2,888,265	3,811,735



Laying hens	Number of applicants	88	85	84	94	80
	Number of beneficiaries	81	82	84	77	73
	Number of heads paid	1,023,671	1,181,829	1,310,235	1,120,349	871,909
	Payment per heads	0.50/0.40	0.50/0.40	1.00/ 0.80	0.50/ 0.40	0.50/ 0.40
	Total amount paid	484,343	537,497	1,165,861	500,676	399,161
Partridges	Number of applicants	13	13	11	12	-
	Number of beneficiaries	13	9	10	11	-
	Number of heads paid	36,560	28,088	23,678	16,245	-
	Payment per heads	1	1	1	1	-
	Total amount paid	18,280	14,044	23,678	8,123	-
Milk	Number of applicants	3,116	1,836	1,062	1,197	1,314
	Number of beneficiaries	3,055	1,798	1,060	1,149	1,286
	Number of liters paid	34,522,414	38,664,480	24,464,477	44,835,136	46,183,417
	Payment per liter	0.06/0.04/0.02	0.06/0.04/0.02	0.12/0.08/0.04	0.06/ 0.04/ 0.02	0.07/0.04/0.02
	Total amount paid	1,736,944	2,041,145	2,570,392	2,358,351	2,840,801
Reported slaughter of cattle	Number of applicants	28	14	11	8	11
	Number of beneficiaries	24	13	9	7	11
	Number of heads paid	978	971	627	701	1,122
	Payment for head	50	50	100	50	50
	Total amount paid	48,900	48,550	62,700	35,050	56,100
Calves for fattening	Number of applicants				744	5
	Number of beneficiaries				462	5
	Number of heads paid				7,938	763,008
	Payment for head				10	0
	Total amount paid				79,380	152,602
Aquaculture	Number of applicants	8	8	4	4	460
	Number of beneficiaries	5	8	3	4	395
	Number of kg paid	430,341	447,990	167,376	551,571	7,732

Payment per kg	0	0	0	0	25
<b>Total amount paid</b>	<b>86,068</b>	<b>89,598</b>	<b>66,950</b>	<b>110,314</b>	<b>193,300</b>

Source: ADA - MAFRD

## Rural Development measures

Number of approved application				
	2018	2019	2020-2021	2022
Measure 1: Investments in physical assets in agricultural economies	383	303	188	382
Measure 3: Invest Measure 3: Investments in physical assets in the processing and marketing of agricultural products	27	7	19	6
Measure: Irrigation of agriculture land	3	2	1	-
Measure 7: Farm diversification and business development	130	150	96	97
Measure 5: Implementation of local development strategies-Leader approach	13	11	-	6
Special Program	62	-	-	-
<b>Total</b>	<b>618</b>	<b>473</b>	<b>304</b>	

Source: ADA, compiled by DEAAS - MAFRD

Approved value in €				
	2018	2019	2020-2021	2022
Measure 1: Investment in physical assets in agriculture economies	16,897,514	12,035,806	5,804,682	28,889,405
Measure 3: Investments in physical assets in the processing and marketing of agricultural products	4,842,579	1,281,799	2,623,685	1,990,477
Measure: Irrigation of agricultural lands	475,413	320,000	109,815	-
Measure 7: Farm diversification and business development	2,259,156	2,188,065	1,211,431	5,028,591
Measure 5: Implementation of local development strategies-Leader approach	293,087	240,184	-	59695
Special program	6,201,729	-	-	-
<b>Total</b>	<b>30,969,478</b>	<b>16,065,854</b>	<b>9,749,613</b>	<b>35,968,168</b>

Source: ADA, compiled by DEAAS - MAFRD