



Montenegro

A DECADE
OF INDEPENDENCE
A MILLENNIUM
OF STATEHOOD
MONTENEGRO
2016



May Montenegro live forever

Government of Montenegro
Statistical Office of Montenegro

Release Crop production, 2015

The utilised agricultural area in 2015 amounted to 231 405.3 ha. In the total utilised agricultural area prevalent areas are perennial meadows and pastures with a share of 94.0%, while arable land has a share of 3.0%, permanent crops of 2.2%, and kitchen gardens of 0.8%.

The realised yield of wheat amounted in 2015 to 2 110.5 t, which was by 2.2% less than in 2014. A decrease is also recorded for the following crops: maize for grain (18.3%), and barley (17.0 %).

The total yield of oats in 2015 increased for 16.7 %. An increase is also recorded in the following crops: potatoes (14.0%), watermelons (32.3%), cabbage (1.7%), and tomatoes (11.4%).

The total yield increased for plums (22.5%), apples (116.6%), peaches (16.9%), while the total yield decrease for tangerine (27.3%), and olives (30.4%).

The total yield of grapes in 2015 increased for 31.5 % compared to the previous year.

Graph 1. Utilised agricultural area

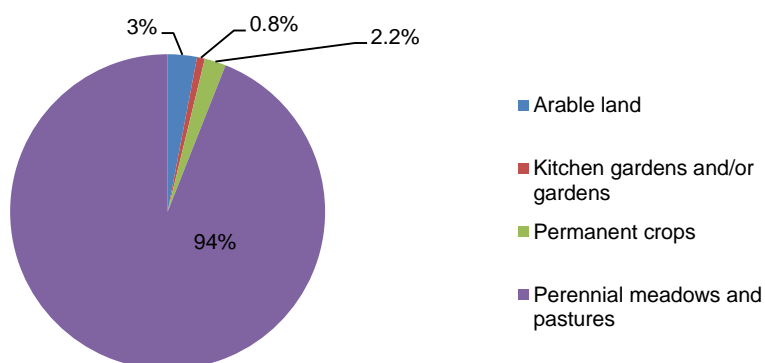


Table 1: Utilised agricultural land by categories, 2015

ha

	2014	2015	Indices 2015 2014
Utilised agricultural area	230 321.2	231 405.4	100.5
Arable land	6 898.4	6 853.3	99.3
Cereals for grain	2 362.3	2 298.3	97.3
Potato	1 645.1	1 616.6	98.3
Vegetables, watermelons and melons	1 164.0	1 228.1	105.5
Fodder plant	1 599.8	1 599.0	99.9
Other plants on arable land and fallow land	127.2	111.3	87.5
Kitchen gardens and/or gardens	1 832.4	1 861.1	101.6
Fruits	769.7	767.6	99.7
Vineyards	144.1	144.1	100.0
Potato	492.6	505.1	102.5
Vegetables	426.0	444.3	104.3
Permanent crops	5 007.0	5 057.9	101.0
Orchards	2 256.4	2 292.0	101.6
Orchards - extensive	1 156.8	1 147.2	99.2
Orchards - plantations	1 099.6	1 144.8	104.1
Vineyards - plantations	2 703.3	2 708.0	100.2
Nurseries	47.3	57.9	122.4
Perennial meadows and pastures	216 583.4	217 633.1	100.5

Table 2: Production of cereals, potatoes and fodder crops on arable land, 2015

	Area harvested, ha		Indices 2015 2014	Production, t		Indices 2015 2014	Yield, t/ha	
	2014	2015		2014	2015		2014	2015
Wheat	738.6	736.5	99.7	2 158.7	2 110.5	97.8	2.9	2.9
Ray	182.9	178.2	97.4	527.2	338.8	64.3	2.9	1.9
Barley	423.8	370.1	87.3	1 147.3	952.0	83.0	2.7	2.6
Oats	209.9	202.7	96.6	475.9	555.5	116.7	2.3	2.7
Maize for grain	650.3	629.4	96.8	3 304.6	2 700.2	81.7	5.1	4.3
Other cereals for grain	156.9	181.4	115.6	303.7	356.9	117.5	1.9	2.0
Potato	1 645.1	1 616.4	98.3	24 313.1	27 193.4	111.8	14.8	16.8
Clover	376.8	364.1	96.6	2 465.4	2 199.5	89.2	6.5	6.0
Lucerne	396.0	371.0	93.7	2 719.1	2 208.8	81.2	6.9	6.0
Other fodder crops	895.2	945.6	105.6	8 149.8	9 074.0	111.3	9.1	9.6

Table 3: Total production of vegetables, watermelons and melons, 2015

	Area harvested, ha		Indices <u>2015</u> 2014	Production, t		Indices <u>2015</u> 2014	Yield, t/ha	
	2014	2015		2014	2015		2014	2015
Onion	122.4	126.9	103.7	2 151.4	2 341.6	108.8	17.6	18.4
Tomato	114.1	114.3	100.2	3 533.3	3 935.8	111.4	31.0	34.4
Pepper	179.6	180.6	100.6	4 042.9	4 499.6	111.3	22.5	24.9
Dry beans	94	100.5	106.9	837.5	855.5	102.1	8.9	8.5
Melon	49.6	53.8	108.5	1 279.7	1 368.9	106.9	25.8	25.4
Watermelon	471.2	482.7	102.4	15 260.4	20 194.2	132.3	32.4	41.8
Cucumber	46.9	49.9	106.4	1 511.6	1 821.7	120.5	32.2	36.5
Potato	2 137.7	2 114.1	98.9	31 095.8	35 444.7	114.0	14.5	16.7
Cabbage	316.3	318.4	100.7	10 442.3	10 623.2	101.7	33.0	33.4
Other vegetables	309.8	300.2	96.9	5 037.2	5 464.1	108.5	-	-

Table 4: Total production fruits, citrus and olives, 2015

	2014		2015		Total production indices
	production - total, t	of that production on plantations, t	production - total, t	of that production on plantations, t	
Plums	5 743.2	1 976.4	7 035.1	1 259.2	122.5
Apples	4 900.0	2 656.0	10 614.8	2 816.8	216.6
Pears	914.8	180.7	2 648.9	365.5	289.6
Peaches	1 356.4	1 276.1	1 585.0	1 491.9	116.9
Mandarins	4 181.0	3 204.4	3 040.2	2 574.7	72.7
Olives	796.2	253.8	554.1	244.3	69.6

Table 5: Production of grapes, 2015

	2014		2015		Total production indices
	Production - total, t	Of that production on plantations, t	Production - total, t	Of that production on plantations, t	
Total	18 873.5	17 128.7	24 826.6	23 085.6	131.5

Table 6: Production of hay on meadows, 2015

	Area, ha		Indices <u>2015</u> 2014	Production, t		Indices <u>2015</u> 2014	Yield, t/ha	
	2014	2015		2014	2015		2014	2015
Meadows	61 860.5	63 323.4	102.4	162 257.7	174 693.6	107.7	2.6	2.7

METHODOLOGICAL NOTES

Legal basis

The survey is conducted in accordance with the Law on Official Statistics and Official Statistical System (Official Gazette of Montenegro No 18/12), and in accordance with the Annual Plan of Statistical Surveys for 2013 (Official Gazette of Montenegro No 47/14). For the development of tools for conducting surveys on crop production and autumn sowing, there was used the Regulation No 543/2009 of European Parliament and Council, and manual for conducting annual surveys of statistics of crop production.

Aim of survey

Survey on achieved yield of late crops, fruit, and grapes collects the data on areas of agricultural land by categories of use, sown and harvested areas per individual crops, total production crops, vegetables, fruits, and grape.

Coverage

The survey includes agricultural organizations (agricultural enterprises and cooperatives) and private agricultural holdings that are engaged in crop production. Data on agricultural organizations (agricultural enterprises and cooperatives) are collected by reporting method, and data on family agricultural holdings by survey method.

Definitions

Used agricultural area covers arable land, kitchen gardens and/or gardens, orchards, vineyards, nurseries, meadows and pastures, regardless of the type of ownership (own land or land leased).

Arable lands are areas of land that are regularly used, and crops are sown/planted according to certain order (crop rotation). On arable land there are cultivated grains, industrial crops, potato, fodder crop, vegetables, flowers, seeds, and seedlings.

Kitchen gardens and/or gardens are areas where crop plants (different types of vegetables, potatoes, fruit and vine) are cultivated for the consumption of household members, and that are mainly not intended for the sale. Only occasional surplus of products grown on these areas is sold outside the household.

Other cereals for grain include: buckwheat, millet, sorghum, etc.

Other fodder crops include: green maize, grass mixture, grass-clover mixtures, fodder beet, etc.

Other vegetables include: carrots, garlic, cauliflower, broccoli, kale, lettuce, spinach, eggplant, zucchini and others.

Harvested area is the area from which crops are harvested and yield was realized.

Plantation orchards are areas under the fruit trees, with certain spacing between lines and rows. Mechanical processing can be carried out in them, and other agro-technical measures are by rule carried out.

Extensive orchards are semi-intensive or extensive fruit crops intended mostly for own consumption.

Vineyards are plantations of vine intended for the production of grapes.

Plantation vineyards - areas under vine with a certain distance between the vines, in which there can be performed a mechanized processing, and by a rule there are conducted other agro-technical measures.

Nurseries are areas of land on which there are grown young woody plants intended for transplantation later, and include: fruit seedlings, grapevine seedlings, decorative plants and forest trees.

Meadows – land that is permanently (five or more years) used to grow green animal feed, and is not included in the crop rotation.

Pastures – land that is used for grazing of livestock.

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