

PRESS RELEASE
No. 70 of March 30, 2012

For the correct interpretation of the results, kindly see the methodological notes on page 5 of the press release

Crop production for the main crops, in 2011
(provisional data)

The National Statistical Institute has recently conducted the statistical research on „Crop production for the main crops, in 2011”. According to the results of the statistical research, in 2011, the crop production showed increases or decreases as against 2010, depending on the evolution of the cultivated areas and of the yields per hectare, for the main crops.

Cultivated area and production of main crops

	Cultivated area -thou ha-		Production -thou tonnes-		Differences (±) year 2011 as against 2010	
	2010	2011	2010	2011	-thou ha-	-thou tonnes-
Cereals for grains	5041	5243	16713	20785	+202	+4072
of which:						
-wheat	2162	1928	5812	7103	-234	+1291
-barley and two-row barley	516	432	1311	1355	-84	+44
-oats	181	185	304	376	+4	+72
-maize grains	2098	2613	9042	11666	+515	+2624
Dried pulses	38	42	61	76	+4	+15
Oilseed crops	1410	1455	2378	2767	+45	+389
of which:						
-sunflower	791	988	1263	1864	+197	+601
-soya	64	74	150	156	+10	+6
-rape	537	381	943	732	-156	-211
Sugar beet	22	19	838	650	-3	-188
Potatoes	241	243	3284	4113	+2	+829
Vegetables¹⁾	263	258	3864	4096	-5	+232
of which:						
-tomatoes	50	49	769	881	-1	+112
-cabbage	47	47	981	1025	-	+44
-cucumbers	13	12	172	169	-1	-3
-carrots	16	16	221	245	-	+24
-onion	34	33	369	395	-1	+26
-green peppers	21	19	243	249	-2	+6
-water melons and melons	31	30	663	636	-1	-27

¹⁾it includes the cultivated area and the production of vegetables grown in fields, greenhouses, solaria and kitchen gardens

Year 2011 as against 2010

Cereals for grains

Romania mainly cultivates maize grains (49.8% of the area cultivated with cereals for grains) and wheat (36.8%). The production of cereals for grains increased by 24.4% as against the previous year (20785 thousand tonnes compared to 16713 thousand tonnes in 2010), due to the increase of the yields per hectare (average yield), as follows: wheat (+37.1%), barley and two-row barley (+23.5%), oats (+21.0%) and maize grains (+3.6%).

Dried pulses

The production increased by 24.6% due to the yield per hectare and to the cultivated area.

Oilseed crops

The production increased by 16.4%, due to both the increase of the cultivated area of 3.2% and of the yields per hectare.

Increments in the production were registered for: sunflower (+47.6%) and soya (+4.0%). The production of rape decreased by 22.4%, due to the decrease of the cultivated area (-29.0%).

Sugar beet

The production decreased by 22.4%, mainly due to the decrease of the cultivated area (-13.6%) and of the yield per hectare (-10.2%).

Potatoes

The production increased by 25.2%, due to the increase of the yield per hectare (+24.2%) and of the cultivated area (+0.8%), as against the previous year.

Vegetables

The production increased by 6.0%, due to the increase of the average yields.

The production increased for: tomatoes (+14,6%), carrots (+10,9%), onion (+7,0%), cabbage (+4,5%) and green peppers (+2,5%) and decreased for: water melons and melons (-4,1%) and cucumbers (-1,7%).

Area of bearing vineyards and of fruit bearing tree plantations, grape production and fruit production

	Area -thou ha-		Production -thou tonnes-		Differences (±) year 2011 as against 2010	
	2010	2011	2010	2011	-thou ha-	-thou tonnes-
Bearing vineyards ¹⁾	177	176	740	880	-1	+140
-grafted vineyards	90	87	455	498	-3	+43
-hybrid vineyards	87	89	285	382	+2	+97
Fruit bearing tree plantations (fruit bearing orchards)	145	145	862	875	-	+13
of which:						
-apple trees	56	56	423	425	-	+2
-pear trees	5	4	20	28	-1	+8
-plum trees	69	68	386	348	-1	-38
-sweet and sour cherry trees	7	7	21	30	-	+9
-apricot and ungrafted apricot trees	3	3	3	12	-	+9

¹⁾ it includes the cultivated area and the production of grapes from vineyards grown in fields and in kitchen gardens

Grapes

In 2011, the production of grapes increased by 18.9%, mainly due to the increase of the yield per hectare, both for the grafted vineyards (+13.2%) and for the hybrid vineyards (+31.0%). The cultivated area decreased by 0.6% as against 2010.

Fruit bearing tree plantations (fruit bearing orchards)

The production of fruits from orchards increased by 1.5%, as against the previous year. By main species of fruit trees, the production registered increments for: apricot and ungrafted apricot trees (4 times), sweet and sour cherry trees (+42.9%), pear trees (+40.0%) and apple trees (+0.5%) and decreased for plum trees (-9.8%). The areas cultivated with the main species of fruit trees maintained at the level of the previous year for: apple trees, sweet and sour cherry trees, apricot and ungrafted apricot trees and decreased for pear trees (-20.0%) and for plum trees (-1.4%).

Cultivated area and production for some basic crops, in Romania and in the main cultivating Member States of the European Union, in 2011

-provisional data-

At the level of the European Union, in 2011, an increase is noticed both in the cultivated area and in the production and yield of some basic crops.

Wheat

Country	Cultivated area (thou ha)	Production (thou tonnes)	Yield (kg/ha)
European Union, of which:	25596.7	141218.4	5517
Romania	1927.5	7102.9	3685
Bulgaria	1111.5	4094.6	3684
Czech Republic	833.6	4161.6	4992
Denmark	739.0	5940.4	8038
Germany	3226.0	25190.3	7808
Greece	510.0	1830.0	3588

Country	Cultivated area (thou ha)	Production (thou tonnes)	Yield (kg/ha)
France	5425.7	38194.7	7040
Italy	1795.5	6341.0	3532
Lithuania	500.0	2100.2	4200
Poland	2406.1	9487.8	3943
Spain	1948.1	5941.2	3050
Hungary	1146.5	4419.2	3855
United Kingdom	1775.0	14878.0	8382

In 2011, Romania occupied the 5th place among the Member States, taking into account both the cultivated area and the production of wheat and the 9th place considering the yield.

Maize grains

Country	Cultivated area (thou ha)	Production (thou tonnes)	Yield (kg/ha)
European Union, of which:	8720.9	60195.4	6902
Romania	2613.5	11666.4	4464
Austria	201.1	1865.5	9276
Bulgaria	329.3	2047.4	6217
Czech Republic	110.0	761.0	6918
Germany	463.6	4072.9	8785
Greece	240.0	2352.0	9800

Country	Cultivated area (thou ha)	Production (thou tonnes)	Yield (kg/ha)
France	1571.5	13736.6	8741
Italy	915.5	7877.7	8605
Poland	298.7	1716.2	5746
Portugal	95.7	658.0	6876
Slovakia	198.8	1365.7	6870
Spain	314.2	3312.7	10543
Hungary	1256.6	7410.2	5897

Romania occupied the 1st place in the European Union for the area cultivated with maize and the 2nd place for production, after France, due to an inferior yield. Otherwise, the maize yield achieved by Romania is smaller than the one achieved by the other Member States.

Sunflower

Country	Cultivated area (thou ha)	Production (thou tonnes)	Yield (kg/ha)
European Union, of which:	4246.1	8460.1	1992
Romania	988.3	1864.4	1886
Austria	26.0	73.7	2835
Bulgaria	704.3	1430.0	2030
Czech Republic	28.6	72.5	2535
Germany	26.8	53.2	1985

Country	Cultivated area (thou ha)	Production (thou tonnes)	Yield (kg/ha)
Greece	63.5	160.5	2528
France	741.5	1884.6	2542
Italy	118.1	277.0	2345
Spain	863.7	1038.2	1202
Slovakia	88.6	203.1	2292
Hungary	579.3	1387.0	2394

Sunflower is one of the traditional crops in Romania. Considering the area cultivated with sunflower in 2011, Romania occupied the 1st place among the Member States. The production realised in 2011 put our country in the 2nd place after France, due to the smaller yield (-5.3%) as against the average yield of the European Union.

Potatoes

Country	Cultivated area (thou ha)	Production (thou tonnes)	Yield (kg/ha)
European Union, din care:	1942.2	58908.4	30331
Romania	242.9	4113.4	16935
Belgium	79.7	3702.0	46449
Denmark	42.0	1400.0	33333
Germany	258.7	11837.2	45756

Country	Cultivated area (thou ha)	Production (thou tonnes)	Yield (kg/ha)
France	169.1	6528.3	38606
Netherlands	158.5	7297.0	46038
Poland	400.5	8196.7	20466
Spain	78.8	2368.9	30062
United Kingdom	146.0	6175.0	42295

Note: In the case of some Member States, data from 2010 have been used for the analysed crops

Considering the area cultivated with potatoes, Romania occupied the 3rd place in 2011 after Poland and Germany and the 6th place for production (after Germany, Poland, Netherlands, France and the United Kingdom) due to the inferior yield that represented only 55.8% of the average yield of the European Union.

Methodological notes

1. Data source

The presented information is resulted from the statistical survey on crop production for the main crops, conducted by the National Institute of Statistics, according to the European Parliament and Council Regulation no. 543/2009 on crop production.

This survey was conducted on the basis of a representative sample at national, development regions and counties level. The volume of the sample was of 60000 agricultural holdings, of which 26447 agricultural holdings with legal status and 33553 individual agricultural holdings.

The confidence interval was of 95% (\pm 5% error margin).

2. Concepts and definitions

Cultivated area represents the area sown/planted in own field, in the agricultural reference year (October, 1 – September, 30) with a main crop (covering the land for the majority of time period) or in previous agricultural years for biennial, triennial or perennial crops.

Crop agricultural production represents the physical production obtained in the reference period (year when harvesting is done) except harvesting losses, expressed in physical units by nature of products and groups of products and includes:

- production in own field;
- production in combined crops;
- production in successive crops;
- production obtained in kitchen gardens (for vegetables, potatoes, fruit and grapes).

Average yield represents the quantity of products (for each crop) obtained on the unit of cultivated area.

For additional information, see the statistical publication "Crop production for the main crops in 2011", date of issue 25.05.2012.

The next issue of the press release will be on 29.03.2013.