



MINISTRY OF AGRICULTURE AND FOOD

SOFIA 1040, 55 Hristo Botev Blvd.

Yield of field crops - harvest 2024

№ 460 – June 2025

The harvested area under cereals in 2024 is 1 968 thousand ha. The production of wheat, einkorn and spelt is 6 846 thousand tons, which is an increase of 3% compared to the 2023 harvest, with a reported average yield of 5 731 kg/ha for the 2024 harvest.

The harvested area under sunflower in 2024 is 929 thousand ha. Sunflower production is 1 609 thousand tons, which is 9% less than the 2023 harvest, with a reported average yield of 1 732 kg/ha for the 2024 harvest.

The harvested area of fodder crops from arable land is 130 thousand ha. The production of maize for silage, green fodder and energy purposes is 454 thousand tons, which is 18% less compared to the 2023 harvest, with a reported average yield of 16 111 kg/ha.

Table 1. Area, average yield and production of cereals - harvest 2024

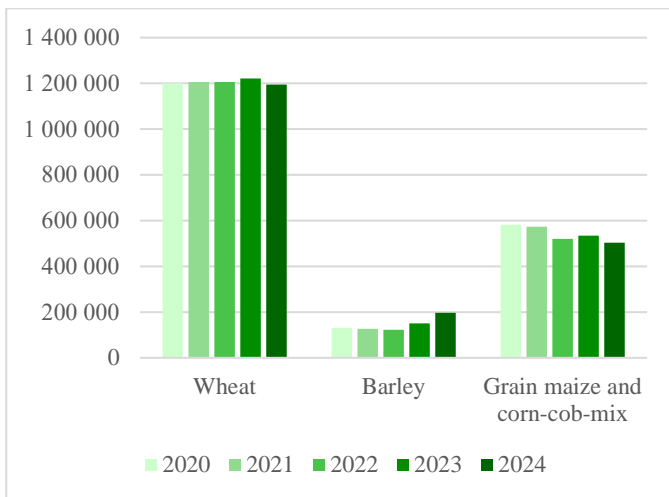
Crop	Sown area (ha)	Harvested area (ha)	Production (tons)	Average yields (kg/ha)	Humidity (%)	Other components (%)
Wheat*	1 197 036	1 194 507	6 846 316	5 731	11	2.1
Rye	7 030	6 438	12 800	1 988	9	3.5
Barley	198 217	196 376	1 052 483	5 360	10	2.2
Oats	24 361	23 573	53 348	2 263	9	2.7
Grain maize and corn-cob-mix	511 555	503 025	1 597 935	3 177	12	2.4
Triticale	22 086	20 867	63 728	3 054	9	3.3
Sorghum	6 681	5 953	11 004	1 848	9	2.2
Rice	12 172	12 153	69 010	5 678	17	7.5
Millet, buckwheat, canary seed, quinoa and other cereals	6 350	5 424	7 568	1 395	8	3.2
Total cereals for grain production (seeds incl.)	1 985 488	1 968 316	9 714 192	///	///	///
Field peas	14 683	11 131	17 699	1 590	9	3.4
Vetches	2 403	2 371	2 958	1 248	7	3.0
Dry beans	1 944	1 638	1 005	614	10	4.2
Lentils	2 567	2 429	2 370	976	12	2.6
Chickpeas	10 474	10 083	12 553	1 245	8	2.5
Other dry pulses and protein crops n.e.c.	664	584	463	793	8	3.0
Dry legumes and protein crops for grain production - Total	32 735	28 236	37 048	///	///	///

Source: Ministry of Agriculture and Food (MAF), Agrostatistics Department, Yield of field crops - harvest 2024

*In this publication, the position of wheat includes common and durum wheat, einkorn and spelt

Results and analyses

Figure 1. Harvested area under cereals (ha)



Source: Ministry of Agriculture and Food, Agrostatistics Department, Yield of field crops

Figure 2. Harvested area under dry legumes and protein crops (ha)

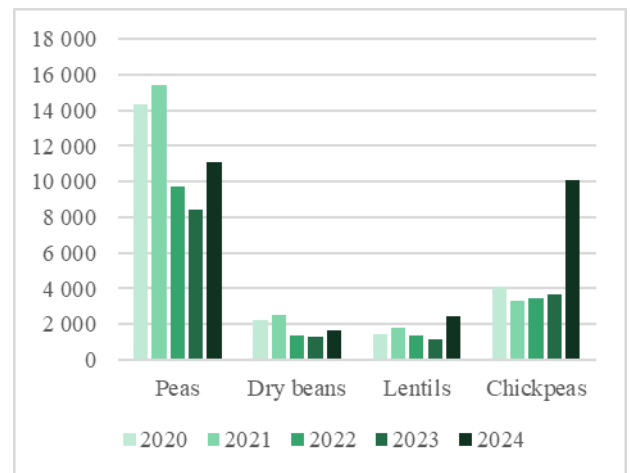
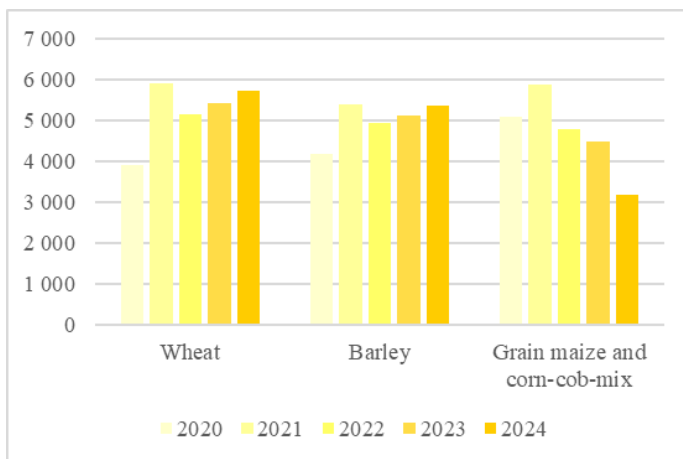


Figure 3. Average yield of main cereal crops (kg/ha)



Source: Ministry of Agriculture and Food, Agrostatistics Department, Yield of field crops

Figure 4. Average yield of main dry legume and protein crops (kg/ha)

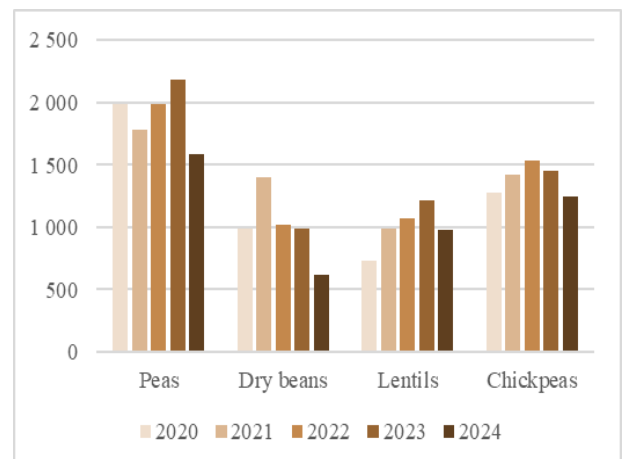
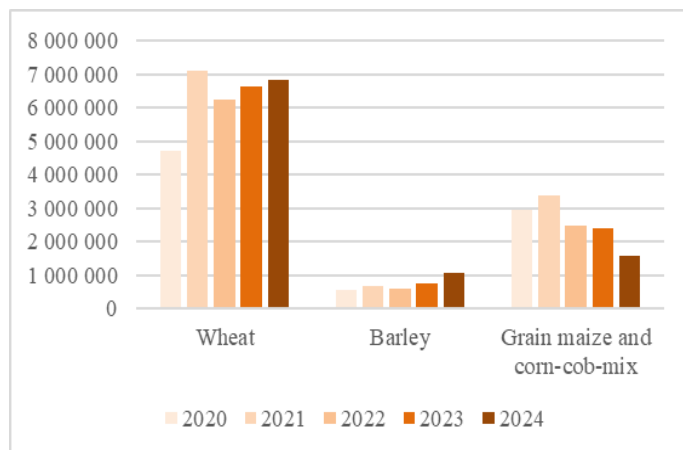


Figure 5. Production of main cereals (tons)



Source: Ministry of Agriculture and Food, Agrostatistics Department, Yield of field crops

Figure 6. Production of main dry legumes and protein crops (tons)

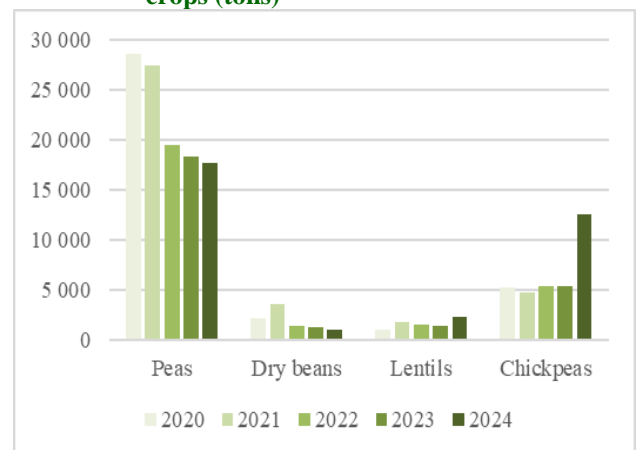


Table 2. Area, average yield and production of industrial crops – harvest 2024

Crop	Sown area	Harvested area	Production	Average yield	Humidity	Other components
	(ha)	(ha)	(tons)	(kg/ha)	(%)	(%)
Rape	66 343	64 264	158 134	2 461	8	2.6
Sunflower	933 532	929 145	1 609 367	1 732	7	2.8
Soya	731	577	606	1 050	10	3.2
Linseed (oil flax)	1 141	1 116	1 529	1 370	8	2.2
Peanuts	518	505	690	1 366	///	///
Pumpkins for seeds (oilseeds)	4 640	4 304	2 534	589	///	///
Other oilseed crops	595	525	307	585	///	///
Cotton, fiber	2 116	1 958	1 385	707	///	///
Flax, fiber	403	379	371	979	///	///
Tobacco	2 026	2 016	3 380	1 677	///	///
- of which Oriental	1 608	1 602	2 548	1 591	///	///
- of which Virginia	245	243	460	1 893	///	///
- of which Burley	173	171	372	2 175	///	///
Oil rose (fresh flower)	4 639	4 325	11 642	2 692	///	///
Lavender (fresh flower)	10 246	8 598	32 298	3 756	///	///
Lemon balm (Melissa officinalis L.) (dry)	416	408	1 496	3 667	///	///
Coriander (seed)	23 096	22 751	24 173	1 063	///	///
Fennel (seed)	783	681	174	256	///	///
Lady's milk/White thorn/Silybum (seed)	2 553	2 357	1 427	605	///	///
Other aromatic and medicinal crops	1 038	870	3 559	4 091	///	///
Other industrial crops	98	98	141	1 439	///	///
Industrial crops total	1 054 914	1 044 877	1 853 213	///	///	///

Source: Ministry of Agriculture and Food (MAF), Agrostatics Department, Yield of field crops - harvest 2024

Figure 7. Harvested area under rape and sunflower (ha)

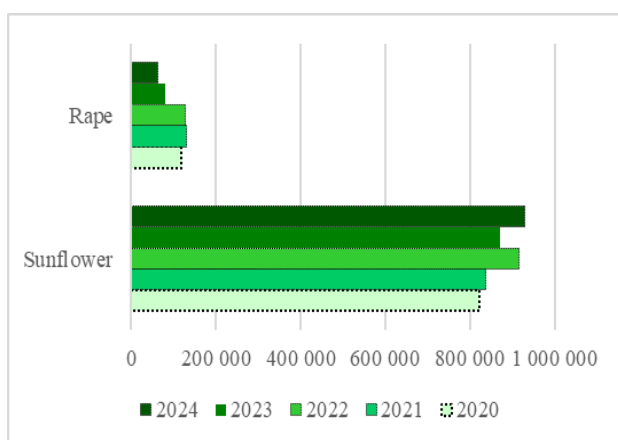
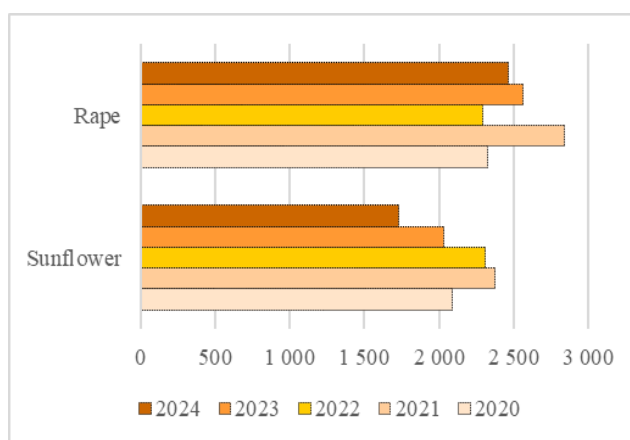


Figure 8. Average yield of rape and sunflower (kg/ha)



Source: Ministry of Agriculture and Food, Agrostatics Department, Yield of field crops

Table 3. Area, average yield and production of fodder crops – harvest 2024

Crop	Sown area	Harvested area	Production	Average yield
	(ha)	(ha)	(tons)	(kg/ha)
Root fodder crops	54	25	177	7 080
Temporary grasses	2 617	2 123	5 114	2 409
Lucerne (dry)	83 454	79 713	281 672	3 534
Temporary legumes for hay, lucerne excl.	5 450	4 860	12 109	2 492
Annual legumes, whole plant for hay	1 028	974	2 922	3 000
Maize harvested green for fodder or renewable energy	28 659	28 192	454 203	16 111
Cereals (maize excl.) harvested green for fodder or renewable energy	4 576	4 524	63 480	14 032
Cereals for hay, whole plant	2 290	1 924	6 522	3 390
Mixed cereals and legumes, for hay	1 903	1 891	5 757	3 044
Other annual plants harvested green from arable land n.e.c.	383	315	1 311	4 162
Forage crops from arable land total	130 414	124 541	833 267	///
Cereal straw	///	11 928	37 343	3 131
Permanent meadows for hay	///	112 162	232 317	2 071

Source: Ministry of Agriculture and Food (MAF), Agrostatics Department, Yield of field crops - harvest 2024

Figure 9. Harvested area under lucerne and maize for silage, green fodder and energy purposes (ha)

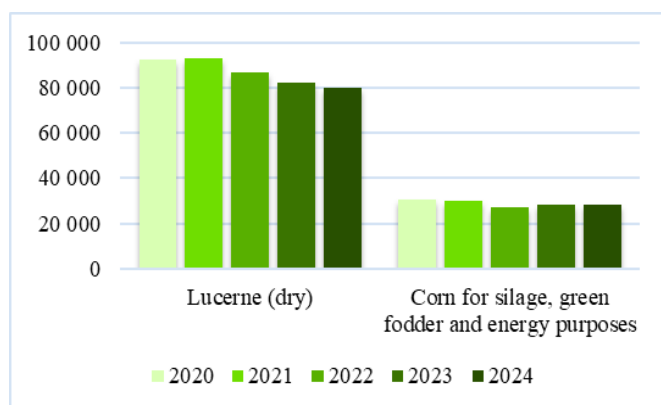
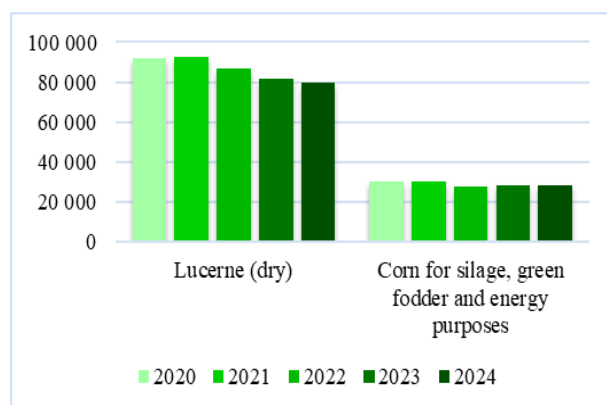


Figure 10. Average yield of lucerne and maize for silage, green fodder and energy purposes (kg/ha)



Source: Ministry of Agriculture and Food, Agrostatics Department, Yield of field crops

Table 4. Fertilized area and plant protection measures carried out - harvest 2024

Crop	% area fertilized with:				% area treated with:		
	Nitrogen fertilizers	Phosphorus fertilizers	Potassium fertilizers	Combined fertilizers	Herbicides	Insecticides	Fungicides
Wheat	81%	11%	3%	57%	87%	63%	80%
Barley	77%	10%	2%	55%	83%	56%	75%
Grain maize and corn-cob-mix	73%	6%	2%	41%	85%	17%	16%
Rape	75%	11%	2%	61%	83%	73%	67%
Sunflower	62%	6%	2%	52%	84%	18%	26%

Source: Ministry of Agriculture and Food (MAF), Agrostatics Department, Yield of field crops - harvest 2024

Table 5. Harvested area, production and average yield of cereals – harvest 2024, by statistical regions

Statistical zone and region	Wheat*	Barley	Rye	Triticale	Oats	Grain maize and corn-cob-mix
Harvested area (ha)						
Bulgaria	1 194 507	196 376	6 438	20 867	23 573	503 025
Severna i Yugoiztochna Bulgaria	1 021 491	171 456	3 122	11 589	13 712	471 604
Severozapaden	269 848	36 188	392	2 793	4 394	182 560
Severen tsentralen	239 161	41 618	220	1 497	4 800	140 930
Severoiztochen	265 810	45 972	73	1 306	1 310	128 610
Yugoiztochen	246 672	47 678	2 437	5 993	3 208	19 504
Yugozapadna i Yuzhna tsentralna Bulgaria	173 016	24 920	3 316	9 278	9 861	31 421
Yugozapaden	47 024	7 357	1 273	3 855	5 468	19 412
Yuzhen tsentralen	125 992	17 563	2 043	5 423	4 393	12 009
Production (tons)						
Bulgaria	6 846 316	1 052 483	12 800	63 728	53 348	1 597 935
Severna i Yugoiztochna Bulgaria	6 148 145	964 279	7 033	40 662	35 107	1 485 331
Severozapaden	1 622 828	199 089	1 147	10 040	14 103	556 633
Severen tsentralen	1 580 422	259 510	663	5 545	10 940	446 854
Severoiztochen	1 752 927	283 786	175	5 987	3 497	413 999
Yugoiztochen	1 191 968	221 894	5 048	19 090	6 567	67 845
Yugozapadna i Yuzhna tsentralna Bulgaria	698 171	88 204	5 767	23 066	18 241	112 604
Yugozapaden	183 612	24 742	2 189	8 352	10 595	49 570
Yuzhen tsentralen	514 559	63 462	3 578	14 714	7 646	63 034
Average yield (kg/ha)						
Bulgaria	5 731	5 360	1 988	3 054	2 263	3 177
Severna i Yugoiztochna Bulgaria	6 019	5 624	2 253	3 509	2 560	3 150
Severozapaden	6 014	5 502	2 926	3 595	3 210	3 049
Severen tsentralen	6 608	6 236	3 014	3 704	2 279	3 171
Severoiztochen	6 595	6 173	2 397	4 584	2 669	3 219
Yugoiztochen	4 832	4 654	2 071	3 185	2 047	3 479
Yugozapadna i Yuzhna tsentralna Bulgaria	4 035	3 539	1 739	2 486	1 850	3 584
Yugozapaden	3 905	3 363	1 720	2 167	1 938	2 554
Yuzhen tsentralen	4 084	3 613	1 751	2 713	1 740	5 249

Source: Ministry of Agriculture and Food (MAF), Agrostatistics Department, Yield of field crops - harvest 2024

*In this publication, the position of wheat includes common and durum wheat, einkorn and spelt

Figure 11. Average wheat yield (kg/ha)

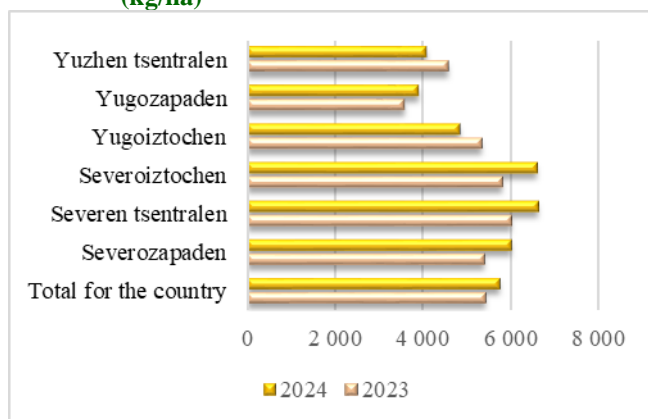
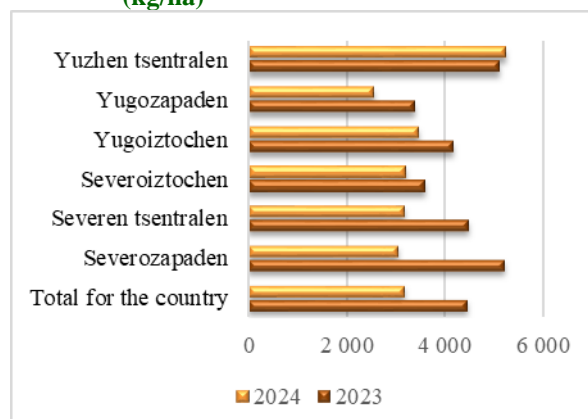


Figure 12. Average grain maize yield (kg/ha)



Source: Ministry of Agriculture and Food, Agrostatistics Department, Yield of field crops

Table 6. Harvested area, production and average yield of industrial and fodder crops – harvest 2024, by statistical regions

Statistical zone and region	Rape	Sunflower	Coriander	Lucerne	Maize harvested green for fodder or renewable energy	Permanent meadows for hay
Harvested area (ha)						
Bulgaria	64 264	929 145	22 751	79 713	28 192	112 162
Severna i Yugoiztochna Bulgaria	54 457	788 655	21 563	47 509	17 830	42 404
Severozapaden	8 583	214 626	440	12 106	3 943	17 457
Severen tsentralen	11 145	170 605	400	11 431	3 858	10 665
Severoiztochen	7 115	221 962	102	9 953	5 872	1 832
Yugoiztochen	27 614	181 462	20 621	14 019	4 157	12 450
Yugozapadna i Yuzhna tsentralna Bulgaria	9 807	140 490	1 188	32 204	10 362	69 758
Yugozapaden	2 513	36 586	c	9 364	2 962	45 934
Yuzhen tsentralen	7 294	103 904	c	22 840	7 400	23 824
Production (tons)						
Bulgaria	158 134	1 609 367	24 173	281 672	454 203	232 317
Severna i Yugoiztochna Bulgaria	132 499	1 415 035	23 069	169 188	293 662	75 585
Severozapaden	22 745	395 740	611	36 981	56 228	31 078
Severen tsentralen	29 857	345 102	312	44 207	54 411	20 919
Severoiztochen	19 974	431 360	151	45 962	91 541	4 792
Yugoiztochen	59 923	242 833	21 995	42 038	91 482	18 796
Yugozapadna i Yuzhna tsentralna Bulgaria	25 635	194 332	1 104	112 484	160 541	156 732
Yugozapaden	6 856	50 077	c	38 089	31 853	127 988
Yuzhen tsentralen	18 779	144 255	c	74 395	128 688	28 744
Average yield (kg/ha)						
Bulgaria	2 461	1 732	1 063	3 534	16 111	2 071
Severna i Yugoiztochna Bulgaria	2 433	1 794	1 070	3 561	16 470	1 782
Severozapaden	2 650	1 844	1 389	3 055	14 260	1 780
Severen tsentralen	2 679	2 023	780	3 867	14 103	1 961
Severoiztochen	2 807	1 943	1 480	4 618	15 589	2 616
Yugoiztochen	2 170	1 338	1 067	2 999	22 007	1 510
Yugozapadna i Yuzhna tsentralna Bulgaria	2 614	1 383	929	3 493	15 493	2 247
Yugozapaden	2 728	1 369	c	4 068	10 754	2 786
Yuzhen tsentralen	2 575	1 388	c	3 257	17 390	1 207

Source: Ministry of Agriculture and Food (MAF), Agrostistics Department, Yield of field crops - harvest 2024

Figure 13. Sunflower production (tons)

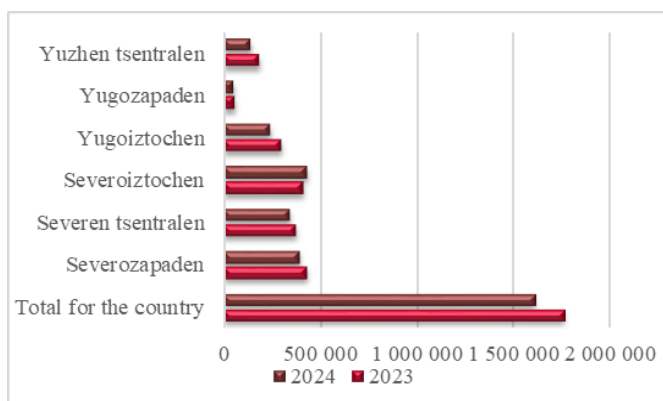
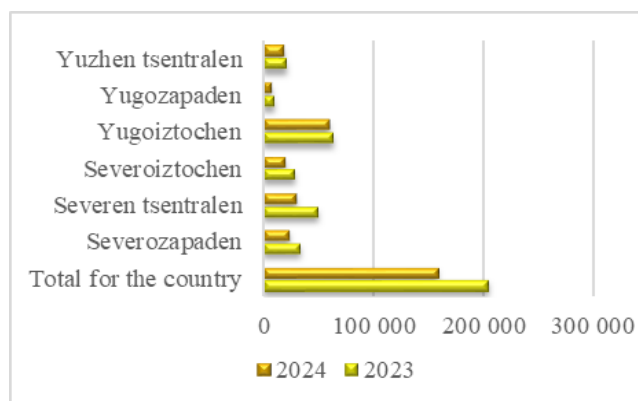


Figure 14. Rape production (tons)



Source: Ministry of Agriculture and Food, Agrostistics Department, Yield of field crops

Methodological notes

The survey Yields of field crops - harvest 2024 is conducted by the Agrostatics Department at the Ministry of Agriculture and Food (MAF) in accordance with the requirements of Regulation (EC) No. 543/2009 and Delegated Regulation (EU) 2015/1557 amending Regulation (EC) No. 543/2009 on crop statistics, taking into account national specificities and additional needs of information. The observation is carried out in the period from 01.11.2024 to 15.01.2025.

Object of survey – agricultural holdings growing field crops, determined by random stratified sampling. All units above the threshold, were surveyed exhaustively.

Geographic scope – the survey covers the entire country.

Reference period – the crop year 2023/2024.

Questionnaire – includes information on farm identification and questions about the area and production of field crops for the 2023/2024 crop year.

Confidentiality – in order to ensure the confidentiality of individual data, some of the indicators are published in aggregated positions or are replaced with a "c" sign (confidential data). These are the cases when:

- There are less than 3 farms in the category under consideration;
- One of the farms in the category under consideration covers more than 85% of the activity in this category.

Sown areas – the area under the respective crop for a given crop year;

Harvested area – the area from which the crop has been harvested. It may be equal to or less than the sown area after deducting the unharvested area (e.g. due to natural disasters);

Production – quantity of harvested produce, including post-harvest losses and on-farm waste. Includes quantities used directly on the farm and sold on the market, expressed in weight units of the main product;

Average yield – a performance value calculated based on the harvested production and harvested area. It is the production per unit harvested area;

The regions cited in the publication are in accordance with the requirements of the common classification of territorial units for statistical purposes applied in the European Union (NUTS 2) pursuant to Commission Regulation (EU) No 31/2011. Statistical regions at NUTS 2 level are as follows:

- **Severozapaden:** Vidin, Vratsa, Montana, Lovech, Pleven;
- **Severen tsentralen:** Veliko Tarnovo, Gabrovo, Ruse, Silistra, Razgrad;
- **Severoiztochen:** Varna, Dobrich, Targovishte, Shoumen;
- **Yugoiztochen:** Burgas, Sliven, Stara Zagora, Yambol;
- **Yugozapaden:** Blagoevgrad, Kyustendil, Pernik, Sofia-cap., Sofia region;
- **Yuzhen tsentralen:** Kardzhali, Pazardzhik, Plovdiv, Smolyan, Haskovo.

Accessibility of statistical information - the results of the surveys conducted by the Agrostatics Department are published on the website of the Ministry of Agriculture and Food at:

<https://www.mzh.government.bg/bg/statistika-i-analizi/izsledvane-rastenievadstvo/danni/>

<https://www.mzh.government.bg/en/statistics-and-analyses/crops/>

The information is provided to Eurostat and published in the statistical yearbook and statistical reference book of the NSI.

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