Statistical Office of the Republic of Serbia

 ISSN 1451-0456

**Fruit production statistics**

**2017 Survey on Orchards: Results**

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| 85 Studies and analyses  | Belgrade, 2018 |

Studies and analyses –Fruit production statistics – 2017 Survey on Orchards: Results

Published and printed by: Statistical Office of the Republic of Serbia, Belgrade, 5 Milana Rakića St

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Preface

Survey on orchards is a five-annual statistical survey envisaged to compile the data on areas under fruit plantations. The objective of the survey is to provide long-term statistics on the age structure, plantation density and intensity as regards the major fruit species by sorts. The obtained data serve as a source for defining the productive potentials of orchards in the Republic of Serbia.

The first survey on orchards in the Republic of Serbia was conducted in 2107 by the Statistical Office of the Republic of Serbia in cooperation with the Ministry of Agriculture, Forestry and Water Management, and there after it is included in the Plan of regular statistical surveys; the forthcoming survey on orchards is envisaged to be carried out in 2022.

2017 Survey on orchards was implemented within IPA 2015 Multi-Beneficiary Programme and it is fully complainant with Regulation (EU) concerning European statistics on permanent crops, as well as with the Eurostat methodology as regards this survey.

Belgrade, 2018 Director

 Dr Miladin Kovačević

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Methodological backgrounds

The first survey on orchards in Serbia was conducted in 2017 by the Statistical Office of the Republic of Serbia in cooperation with the Ministry of Agriculture, Forestry and Water Management, AP Vojvodina Secretariat for agriculture, water management and and forestry, and the extension services in agriculture that are in charge of the Ministry and implemented the survey operations in field. The survey resulted in the compiled data on the areas, plantation density and age apples, pears, apricots and peaches, by sorts, regardless whether desert kind or intended for industrial processing. In addition, collected were the data on the areas for fruit species aggregated (not by sorts), namely for: plums, sour cherries, cherries, raspberries, quinces, walnuts, hazelnuts, almonds, blackberries and blueberries.

2017 Survey on orchards covered the agricultural holdings in the territory of the Republic of Serbia that have areas under fruit plantations. The reporting units were agricultural holdings (family agricultural holdings, and holdings of legal entities and unincorporated enterprises) selected for the sample of the Survey.

From the Statistical Farm Register (SFR) selected for the sample were family agricultural holdings and holdings of legal entities and unincorporated enterprises that are engaged in fruit production and have the area of minimum 0.20 ha under fruit plantations. The sample ensured the coverage of minimum 95% of all planted areas of the observed fruit species, and it included 15 214 agricultural holdings.

2017 Survey on orchards was carried out in the period from 1 October to 15 December 2017.

Two methods of data collection were applied for the survey implementation:

* For the selected family agricultural holdings and holdings of unincorporated enterprises the data were collected by method of interview, based on the List of selected agricultural holdings that was created from the SFR. The procedure of interviewing was carried out by consultants, experts in fruit growing employed with the extension services in agriculture; they applied the direct in field data entry into the envisaged PC application.
* The selected agricultural holdings of legal entities (enterprises, farm cooperatives and other organization forms with the status of legal entity), carried out their own data entry into web questionnaire according to the accounting and other records that were available. The data entry was monitored and checked by the persons in charge, employed with the SORS regional divisions.

The survey results are representative for the level of the Republic of Serbia and the regions, *NSTJ 2*.

Definitions and concepts

**Total area of orchards**

The area of plantations for the observed fruit species. 2017 Survey on orchards was carried out after the usual period of erecting plants, so the survey included also young, newly erected plants in 2017 that still could not give yields.

**Productive orchards area**

The area of certain fruit species that give yields. The area of productive orchards does not include the areas under young fruit plants that still cannot give yields, or the area of abandoned orchards.

**Plantation age**

In this Survey, the data on plantation age were collected for the following fruit species: apples, pears, peaches, nectarines and apricots, by sort groups. The data on plantation age were collected in time intervals and in the same manner are presented in this publication.

**Plantation density**

The number of tree plants as regards the observed fruit species on the area of one hectare. In this survey the data on plantation density were collected for the fruit species: apples, pears, peaches, nectarines and apricots, by sorts, given in density intervals, and in the same manner they are presented in this publication.

**Fruit species**

Fruit species is a set of [plants](https://dictionary.cambridge.org/dictionary/english/plant) in which the [members](https://dictionary.cambridge.org/dictionary/english/member) have common, i.e. [similar](https://dictionary.cambridge.org/dictionary/english/similar) [characteristics](https://dictionary.cambridge.org/dictionary/english/characteristic) to each other and can [breed](https://dictionary.cambridge.org/dictionary/english/breed) with each other. Fruit species are different in the sense of season/time when turn ripe, ingredients, usability and durability.

**Fruit sort group**

Sort group is a group of fruit inside a fruit species, which have specific, i.e. different characteristics when related to another group of the same fruit species.

General indicators

Represented fruit species

Graph 1: Represented fruit species in total area of orchards

* Plum is the most represented fruit species in the Republic of Serbia, with the share of 39% in the total area of orchards, i.e. covering the area of 72 116 ha. Following are apples and raspberries, each with the share of 14% in all areas of orchards. Apples cover the total area of 25 281 ha, and raspberries cover the area of 26 360 ha.

Sour cherries participate with 10% in the total area of orchards, covering the area of 18 956 ha.

* All three fruit species: plums, apples and raspberries, are the most represented in Region Šumadije i Zapadne Srbije. This region participates with the share equalling 89% in the total area of plum plantations in the Republic of Serbia, with 39% in the total area of apple plantations and with 69% in the total area of raspberry plantations.

Fruit species by sort groups

* The apple sorts of *Idared* group are the most represented in the Republic of Serbia and their share equals 41% in the total area under apple plantations. Following is the group ‘*Other apple sorts’*, which participate with 20% in all apple areas; this high share results from a large variety of sorts of the apple species. *Golden Delicious* holds the third position and the share equals 14% in the total area of apple plantations.
* The pear sorts of the group *William’s* cover more than 50% of all area under pear plantations in Serbia, while *‘Other sorts’* hold the second position with the share equalling 33%. The least represented are the sorts of *Conference* group, making together only 3% of the total area of pear plantations.

Graph 2: Share of major sort groups by fruit species

****

* Two groups of peaches are distinguished by their flesh colour: yellow peaches and white peaches. Yellow peaches make 88% and white peaches make 12% of all areas under peach plantations. The most represented yellow peaches are mid-late sorts (crop season from 15 June to 15 July) with the share of 57%, while the most represented white peaches are early sorts (crop season from 16 June to 15 July) with the share of 45%.
* The largest part of all areas under apricot plantations, almost 66%, is taken by mid-late sorts, their crop season being from 1 – 31 July.

2017 Survey on Orchards – Results in tables

Areas of fruit species

Table 1: Total and productive area under fruit species 2017

Republic of Serbia

|  |  |  |
| --- | --- | --- |
| Fruit species  | Total area, ha | Productive area, ha |
| **Total** | **183602** | **175863** |
| Apples total | 25281 | 25134 |
| Pears total | 5734 | 5703 |
| Peaches total | 4990 | 4974 |
| Nectarines total | 2170 | 2158 |
| Apricots total | 5787 | 5707 |
| Cherries | 4813 | 4613 |
| Sour cherries | 18956 | 17566 |
| Plums | 72116 | 72024 |
| Raspberries | 26360 | 21861 |
| Quinces | 1909 | 1901 |
| Walnuts | 3350 | 3307 |
| Hazelnuts | 3964 | 3218 |
| Almonds | 23 | 21 |
| Blackberries | 5491 | 5076 |
| Blueberries | 344 | 318 |
| Other fruit | 2315 | 2282 |

Age structure

Table 2: Area and average number of apple and pear trees, by plantation age, 2017

Republic of Serbia

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age interval | Apples total, ha | Average number of trees / ha | Pears total, ha | Average number of trees / ha |
| **1** | **Total** | **25281** | **1688** | **5734** | **1535** |
| 2 | 0-4 | 3760 | 2397 | 1583 | 1799 |
| 3 | 5-14 | 13663 | 1698 | 3159 | 1570 |
| 4 | 15-24 | 5543 | 1479 | 701 | 1121 |
| 5 | >=25 | 2315 | 978 | 291 | 715 |

Table 3: Area and average number of peach and apricot trees, by plantation age, 2017

Republic of Serbia

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Age interval | Peaches total, ha | Average number of trees / ha | Nectarines total, ha | Average number of trees / ha | Apricots total, ha | Average number of trees / ha |
| 1 | **Total** | **4490** | **767** | **2170** | **567** | **5787** | **416** |
| 2 | 0-4 | 1381 | 1026 | 548 | 820 | 2155 | 485 |
| 3 | 5-14 | 3031 | 715 | 1342 | 503 | 2735 | 399 |
| 4 | >=15 | 578 | 425 | 280 | 379 | 897 | 301 |

Plantation density

Table 4: Area of fruit species by plantation density, 2017

Republic of Serbia

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Plantation density interval | Apples, ha | Pears, ha | Plantation density interval | Peaches, ha | Nectarines, ha | Apricots, ha |
| **1** | **Total** | **25281** | **5734** | **Total** | **4990** | **2170** | **5787** |
| 2 | <400 | 906 | 1304 | <600 | 1364 | 630 | 3873 |
| 3 | 400-1599 | 7873 | 3200 | 600-1199 | 2835 | 1095 | 1776 |
| 4 | 1600-3199 | 14055 | 1122 | >=1200 | 791 | 445 | 138 |
| 5 | >=3200 | 2447 | 108 |  |  |  |  |

Table 5: Apples by plantation density and age, 2017

Republic of Serbia

|  |  |
| --- | --- |
| Plantation density interval | Apples, ha |
| total | Age interval |
| 0-4 | 5-14 | 15-24 | >=25 |
| **1** | **Total** | **25281** | **3760** | **13663** | **5543** | **2315** |
| 2 | <400 | 906 | 67 | 207 | 301 | 331 |
| 3 | 400-1599 | 7873 | 337 | 4041 | 1883 | 1612 |
| 4 | 1600-3199 | 14055 | 2169 | 8332 | 3189 | 365 |
| 5 | >=3200 | 2447 | 1187 | 1083 | 170 | 7 |

Table 6: Pears by plantation density and age, 2017

Republic of Serbia

|  |  |
| --- | --- |
| Plantation density interval | Pears, ha |
| total | Age interval |
| 0-4 | 5-14 | 15-24 | >=25 |
| **1** | **Total** | **5734** | **1583** | **3159** | **701** | **291** |
| 2 | <400 | 1304 | 216 | 731 | 162 | 195 |
| 3 | 400-1599 | 3200 | 878 | 1728 | 516 | 78 |
| 4 | 1600-3199 | 1122 | 448 | 633 | 23 | 18 |
| 5 | >=3200 | 108 | 41 | 67 | 0 | 0 |

Table 7: Peaches by plantation density and age, 2017

Republic of Serbia

|  |  |
| --- | --- |
| Plantation density interval | Peaches, ha |
| total | Age interval |
| 0-4 | 5-14 | >=15 |
| **1** | **Total** | **4990** | **1381** | **3031** | **578** |
| 2 | <600 | 1364 | 310 | 638 | 416 |
| 3 | 600-1199 | 2835 | 759 | 1968 | 108 |
| 4 | >=1200 | 791 | 312 | 425 | 54 |

Table 8: Nectarines by plantation density and age, 2017

Republic of Serbia

|  |  |
| --- | --- |
| Plantation density interval | Nectarines, ha |
| total | Age interval |
| 0-4 | 5-14 | 0-4 |
| **1** | **Total** | **2170** | **548** | **1342** | **280** |
| 2 | <600 | 630 | 181 | 242 | 207 |
| 3 | 600-1199 | 1094 | 123 | 908 | 63 |
| 4 | >=1200 | 445 | 244 | 192 | 10 |

Table 9: Apricots by plantation density and age, 2017

Republic of Serbia

|  |  |
| --- | --- |
| Plantation density interval | Apricots, ha |
| total | Age interval |
| 0-4 | 5-14 | 0-4 |
| **1** | **Total** | **5787** | **2155** | **2735** | **897** |
| 2 | <600 | 3873 | 1174 | 1991 | 708 |
| 3 | 600-1199 | 1776 | 942 | 648 | 186 |
| 4 | >=1200 | 138 | 39 | 96 | 3 |

Fruit species by sort groups – plantation age and density

Table 10: Apple sort groups by plantation age

Republic of Serbia

|  |  |  |
| --- | --- | --- |
| Sort groups | Total area, ha | Age interval |
| 0-4 | 5-14 | 15-24 | >=25 |
| **Total Apples** | **25281** | **3760** | **13663** | **5543** | **2315** |
| Red Boskoop | 178 | 10 | 144 | 23 | 1 |
| Braeburn | 75 | 34 | 37 | 4 | 0 |
| Cox’s orange | 0 | 0 | 0 | 0 | 0 |
| Cripps pink | 2 | 0 | 2 | 0 | 0 |
| Elstar | 8 | 0 | 3 | 4 | 1 |
| Fuji | 160 | 21 | 131 | 7 | 1 |
| Gala | 307 | 137 | 160 | 7 | 3 |
| Golden Delicious | 3573 | 748 | 2006 | 699 | 120 |
| Granny Smith | 3012 | 555 | 2058 | 337 | 62 |
| Idared | 10368 | 1494 | 5342 | 2941 | 591 |
| Jonagold | 1208 | 34 | 774 | 363 | 37 |
| Morgendurft | 0 | 0 | 0 | 0 | 0 |
| Red Delicious | 1946 | 228 | 1543 | 154 | 21 |
| Canadian Reinette | 0 | 0 | 0 | 0 | 0 |
| Champion | 230 | 0 | 205 | 25 | 0 |
| Lobo | 0 | 0 | 0 | 0 | 0 |
| Pinova | 2 | 0 | 1 | 1 | 0 |
| Other apple sorts | 4212 | 499 | 1257 | 978 | 1478 |

Table 11: Apple sort groups by plantation density

Republic of Serbia

|  |  |  |
| --- | --- | --- |
| Sorts | Total | Plantation density interval |
| <400 | 400-1599 | 1600-3199 | >=3200 |
| **Total** | **25281** | **906** | **7873** | **14055** | **2447** |
| Red Boskoop | 178 | 20 | 63 | 87 | 8 |
| Braeburn | 75 | 0 | 10 | 17 | 48 |
| Cox’s orange | 0 | 0 | 0 | 0 | 0 |
| Cripps pink | 2 | 0 | 0 | 2 | 0 |
| Elstar | 8 | 0 | 2 | 6 | 0 |
| Fuji | 160 | 0 | 20 | 62 | 78 |
| Gala | 307 | 0 | 22 | 63 | 222 |
| Golden Delicious | 3573 | 60 | 956 | 2004 | 553 |
| Granny Smith | 3012 | 99 | 594 | 1763 | 556 |
| Idared | 10368 | 249 | 3220 | 6438 | 461 |
| Jonagold | 1208 | 59 | 411 | 510 | 228 |
| Morgendurft | 0 | 0 | 0 | 0 | 0 |
| Red Delicious | 1946 | 75 | 697 | 962 | 212 |
| Canadian Reinette | 0 | 0 | 0 | 0 | 0 |
| Champion | 230 | 34 | 196 | 0 | 0 |
| Lobo | 0 | 0 | 0 | 0 | 0 |
| Pinova | 2 | 0 | 1 | 1 | 0 |
| Other apple sorts | 4212 | 310 | 1681 | 2140 | 81 |

Table 12: Pear sort groups by plantation age

Republic of Serbia

|  |  |  |
| --- | --- | --- |
| Sorts | Total area, ha | Age interval |
| 0-4 | 5-14 | 15-24 | >=25 |
| **Total** | **5734** | **1583** | **3159** | **701** | **291** |
| Conference  | 187 | 26 | 152 | 8 | 0 |
| William’s  | 3300 | 907 | 1915 | 356 | 122 |
| Abata fetel | 234 | 96 | 131 | 7 | 0 |
| Rocha | 1 | 0 | 0 | 1 | 0 |
| Coscia | 32 | 9 | 18 | 3 | 1 |
| Guyot | 30 | 14 | 3 | 0 | 14 |
| Bianquilla  | 12 | 11 | 1 | 0 | 0 |
| Decana | 13 | 0 | 13 | 0 | 0 |
| Kaizer | 34 | 7 | 27 | 0 | 0 |
| Other pear sorts | 1891 | 512 | 899 | 326 | 154 |

Table 13: Pear sort groups by plantation density

Republic of Serbia

|  |  |  |
| --- | --- | --- |
| Sorts | Total | Plantation density interval |
| <400 | 400-1599 | 1600-3199 | >=3200 |
| **Total** | **5734** | **1304** | **3200** | **1122** | **108** |
| Conference  | 187 | 119 | 63 | 1 | 5 |
| William’s  | 3300 | 491 | 2182 | 600 | 27 |
| Abata fetel | 234 | 25 | 106 | 86 | 17 |
| Rocha | 1 | 1 | 0 | 0 | 0 |
| Coscia | 32 | 17 | 10 | 3 | 2 |
| Guyot | 30 | 27 | 3 | 0 | 0 |
| Bianquilla  | 12 | 11 | 0 | 1 | 0 |
| Decana | 13 | 12 | 1 | 0 | 0 |
| Kaizer | 34 | 7 | 27 | 0 | 0 |
| Other pear sorts | 1891 | 594 | 808 | 432 | 58 |

Table 14: Peach and nectarine sort groups by plantation age

Republic of Serbia

|  |  |  |
| --- | --- | --- |
| Sorts | Total | Age interval |
| 0-4 | 5-14 | >=15 |
| **Peaches and nectarines total** | **7160** | **1929** | **4373** | **858** |
| **Peaches total** | **4990** | **1381** | **3031** | **578** |
| Yellow  | 4402 | 1191 | 2670 | 541 |
| Yellow pre-early | 117 | 56 | 48 | 13 |
| Yellow early | 1093 | 332 | 664 | 97 |
| Yellow mid-late | 2522 | 665 | 1546 | 311 |
| Yellow late | 670 | 138 | 412 | 120 |
| White  | 588 | 190 | 361 | 37 |
| White pre-early | 25 | 8 | 17 | 0 |
| White early | 266 | 129 | 131 | 6 |
| White mid-late | 221 | 43 | 151 | 27 |
| White late | 76 | 10 | 62 | 4 |
| Flat  | 0 | 0 | 0 | 0 |
| **Nectarines total** | **2170** | **548** | **1342** | **280** |
| Yellow  | 1522 | 475 | 876 | 171 |
| Yellow pre-early | 112 | 74 | 28 | 10 |
| Yellow early | 373 | 161 | 196 | 16 |
| Yellow mid-late | 805 | 213 | 490 | 102 |
| Yellow late | 232 | 27 | 162 | 43 |
| White  | 648 | 73 | 466 | 109 |
| White pre-early | 13 | 0 | 13 | 0 |
| White early | 252 | 29 | 141 | 82 |
| White mid-late | 340 | 38 | 275 | 27 |
| White late | 43 | 6 | 37 | 0 |

Table 15: Peach and nectarine sort groups by plantation density

Republic of Serbia

|  |  |  |
| --- | --- | --- |
| Sorts | Total | Plantation density interval |
| <600 | 600-1199 | >=1200 |
| **Peaches and nectarines total** | **7160** | **1994** | **3930** | **1236** |
| **Peaches total** | **4990** | **1364** | **2835** | **791** |
| **Yellow**  | **4402** | **1111** | **2555** | **736** |
| Yellow pre-early | 117 | 37 | 72 | 8 |
| Yellow early | 1093 | 177 | 668 | 248 |
| Yellow mid-late | 2522 | 729 | 1399 | 394 |
| Yellow late | 670 | 168 | 416 | 86 |
| **White**  | **588** | **253** | **280** | **55** |
| White pre-early | 25 | 15 | 9 | 1 |
| White early | 263 | 184 | 70 | 9 |
| White mid-late | 220 | 39 | 150 | 31 |
| White late | 76 | 11 | 51 | 14 |
| Flat  | 0 | 0 | 0 | 0 |
| **Nectarines total** | **2170** | **630** | **1095** | **445** |
| **Yellow**  | **1522** | **596** | **661** | **265** |
| Yellow pre-early | 112 | 28 | 69 | 15 |
| Yellow early | 373 | 194 | 137 | 42 |
| Yellow mid-late | 805 | 340 | 298 | 167 |
| Yellow late | 232 | 34 | 157 | 41 |
| **White**  | **648** | **34** | **434** | **180** |
| White pre-early | 13 | 0 | 8 | 5 |
| White early | 252 | 21 | 141 | 90 |
| White mid-late | 340 | 13 | 244 | 83 |
| White late | 43 | 0 | 41 | 2 |

Table 16: Apricot sort groups by plantation age

Republic of Serbia

|  |  |  |
| --- | --- | --- |
| Sorts | Total | Age interval |
| 0-4 | 5-14 | >=15 |
| **Total** | **5787** | **2155** | **2735** | **897** |
| Pre-early | 291 | 234 | 46 | 11 |
| Early  | 1269 | 386 | 706 | 177 |
| Mid-late | 3826 | 1360 | 1805 | 661 |
| Late  | 401 | 175 | 178 | 48 |

Table 17: Apricot sort groups by plantation density

Republic of Serbia

|  |  |  |
| --- | --- | --- |
| Sorts | Total | Plantation density interval |
| <600 | 600-1199 | >=1200 |
| **Total** | **5787** | **3873** | **1776** | **138** |
| Pre-early | 291 | 178 | 113 | 0 |
| Early  | 1269 | 744 | 490 | 35 |
| Mid-late | 3826 | 2739 | 991 | 96 |
| Late  | 401 | 212 | 182 | 7 |

Area, output and average yields of orchards

Table 18: Productive area, output and average yields of orchards, 2017

Republic of Serbia and regions, *NSTJ* 2

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Republic of Serbia total | SRBIJA SEVER | Beogradski region | Region Vojvodine | SRBIJA JUG | Region Šumadije i Zapadne Srbije | Region Južne i Istočne Srbije | Region Kosovo i Metohija |
| **Apples** |
| productive area, ha | 25134 |  9287 | 2105 | 7182 | 15847 | 9881 | 5966 | ... |
| output, t | 378644 | 184361 | 21531 | 162830 | 194283 | 93899 | 100384 | … |
| yields, kg/ha | 15065 | 19852 | 10228 | 22672 | 12260 | 9503 | 16826 | … |
| **Pears** |
| productive area, ha | 5703 | 1598 | 501 | 1097 | 4105 | 2873 | 1232 | ... |
| output, t | 52291 | 15380 | 4314 | 11065 | 36911 | 22033 | 14878 | … |
| yields, kg/ha | 9169 | 9624 | 8611 | 10087 | 8992 | 7669 | 12076 | … |
| **Plums** |
| productive area, ha | 72024 | 5363 | 3182 | 2181 | 66661 | 49773 | 16888 | ... |
| output, t | 330582 | 53297 | 22945 | 30352 | 277285 | 198047 | 79238 | … |
| yields, kg/ha | 4590 | 9938 | 7211 | 13917 | 4160 | 3979 | 4692 | … |
| **Cherries** |
| productive area, ha | 4613 | 1919 | 1546 | 373 | 2694 | 1707 | 987 | ... |
| output, t | 27323 | 13021 | 10659 | 2362 | 14302 | 8801 | 5501 | … |
| yields, kg/ha | 5923 | 6786 | 6894 | 6338 | 5308 | 5155 | 5573 | … |
| **Sour cherries** |
| productive area, ha | 17566 | 2615 | 986 | 1629 | 14951 | 3426 | 11525 | ... |
| output, t | 91660 | 18117 | 7214 | 10903 | 73543 | 17085 | 56457 | … |
| yields, kg/ha | 5218 | 6928 | 7316 | 6693 | 4919 | 4987 | 4899 | … |
| **Apricots** |
| productive area, ha | 5707 | 3667 | 2418 | 1249 | 2040 | 1358 | 682 | ... |
| output, t | 41320 | 28621 | 17927 | 10694 | 12699 | 8121 | 4578 | … |
| yields, kg/ha | 7240 | 7805 | 7414 | 8562 | 6225 | 5980 | 6712 | … |
| **Quinces** |
| productive area, ha | 1901 | 477 | 178 | 299 | 1424 | 728 | 696 | ... |
| output, t | 10378 | 4867 | 1213 | 3655 | 5510 | 2714 | 2796 | … |
| yields, kg/ha | 5459 | 10204 | 6812 | 12223 | 3870 | 3728 | 4018 | … |
| **Peaches** |
| productive area, ha | 4974 | 2615 | 1604 | 1011 | 2359 | 630 | 1729 | ... |
| output, t | 54585 | 31490 | 18491 | 12999 | 23095 | 5834 | 17261 | … |
| yields, kg/ha | 10974 | 12042 | 11528 | 12857 | 9790 | 9261 | 9983 | … |

Table 18: Productive area, output and average yields of orchards, 2017 (continued)

Republic of Serbia and regions, *NSTJ 2*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Republic of Serbia total | SRBIJA SEVER | Beogradski region | Region Vojvodine | SRBIJA JUG | Region Šumadije i Zapadne Srbije | Region Južne i Istočne Srbije | Region Kosovo i Metohija |
| **Nectarines** |
| productive area, ha | 2158 | 1174 | 788 | 386 | 984 | 436 | 548 | ... |
| output, t | 25993 | 15199 | 9040 | 6159 | 10795 | 4602 | 6192 | … |
| yields, kg/ha | 12045 | 12946 | 11472 | 15955 | 10970 | 10556 | 11299 | … |
| **Walnuts** |
| productive area, ha | 3307 | 799 | 306 | 493 | 2508 | 1829 | 679 | ... |
| output, t | 12276 | 5012 | 1750 | 3262 | 7263 | 4410 | 2854 | … |
| yields, kg/ha | 3712 | 6273 | 5718 | 6617 | 2896 | 2411 | 4203 | … |
| **Hazelnuts** |
| productive area, ha | 3218 | 1770 | 532 | 1238 | 1448 | 853 | 595 | ... |
| output, t | 4196 | 2552 | 737 | 1815 | 1644 | 934 | 710 | … |
| yields, kg/ha | 1304 | 1442 | 1386 | 1466 | 1135 | 1094 | 1194 | … |
| **Other fruit** |
| productive area, ha | 873 | 151 | 62 | 89 | 722 | 440 | 282 | ... |
| output, t | 1732 | 408 | 191 | 218 | 1324 | 744 | 580 | … |
| yields, kg/ha | 1984 | 2704 | 3073 | 2447 | 1833 | 1691 | 2056 | … |
| **Raspberries** |
| productive area, ha | 21861 | 1711 | 688 | 1023 | 20150 | 18175 | 1975 | ... |
| output, t | 109742 | 11428 | 4868 | 6559 | 98314 | 91273 | 7042 | … |
| yields, kg/ha | 5020 | 6677 | 7072 | 6412 | 4879 | 5022 | 3565 | … |
| **Blackberries** |
| productive area, ha | 5076 | 168 | 104 | 64 | 4908 | 4290 | 618 | ... |
| output, t | 28334 | 959 | 591 | 368 | 27375 | 24270 | 3105 | … |
| yields, kg/ha | 5582 | 5709 | 5681 | 5755 | 5578 | 5657 | 5024 | … |
| **Other berries** |
| productive area, ha | 1809 | 274 | 101 | 173 | 1535 | 932 | 603 | ... |
| output, t | 5615 | 568 | 294 | 274 | 5047 | 3182 | 1865 | … |
| yields, kg/ha | 3104 | 2073 | 2912 | 1583 | 3288 | 3414 | 3093 | … |

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