



ÚSTŘEDNÍ KONTROLNÍ A ZKUŠEBNÍ ÚSTAV ZEMĚDĚLSKÝ  
Sídlo ústavu: Hroznová 63/2, 603 00 Brno  
SEKCE ZEMĚDĚLSKÝCH VSTUPŮ  
ODDĚLENÍ KONTROLY A APLIKAČNÍ TECHNIKY  
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Ústřední kontrolní  
a zkušební ústav zemědělský

Česká republika - Spotřeba POR a PP v letech 2009-2023 (kg, l) na zemědělské půdě, mořiči stanice, sklady rostlinných produktů

Central Institute for Supervising  
and Testing in Agriculture

Czech Republic - Usage of PPPs and OPPMs<sup>1)</sup> in 2009-2023 (kg, l) on agricultural land, seed treatment, storage warehouses of plant products

| KATEGORIE<br>CATEGORIES                      | 2009              | 2010              | 2011              | 2012              | 2013              | 2014              | 2015              | 2016              | 2017              | 2018              | 2019              |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| ZOOCIDES (INCL. SEED TREATMENT INSECTICIDES) | 646 929           | 714 250           | 868 799           | 898 457           | 1 031 817         | 1 405 577         | 1 154 677         | 1 117 902         | 1 106 035         | 1 079 220         | 1 023 723         |
| HERBICIDES AND DESICCANTS                    | 6 378 536         | 6 537 167         | 7 296 644         | 7 649 274         | 6 978 787         | 6 334 267         | 5 986 093         | 6 108 874         | 6 046 744         | 5 504 059         | 5 078 194         |
| FUNGICIDES (INCL. SEED TREATMENT FUNGICIDES) | 2 811 733         | 2 831 152         | 3 262 315         | 3 286 430         | 3 796 376         | 3 611 868         | 3 588 704         | 3 782 240         | 3 896 299         | 3 659 164         | 3 850 985         |
| PLANT GROWTH REGULATORS                      | 1 019 072         | 1 035 542         | 1 373 929         | 1 361 184         | 1 230 944         | 1 138 975         | 1 222 713         | 1 145 151         | 1 320 472         | 1 057 910         | 1 059 740         |
| RODENTICIDES                                 | 65 246            | 132 097           | 114 932           | 170 681           | 75 514            | 179 721           | 278 437           | 129 128           | 61 981            | 71 570            | 202 485           |
| OTHERS <sup>2)</sup>                         | 309 722           | 297 715           | 419 754           | 459 703           | 524 532           | 470 522           | 501 390           | 526 529           | 409 697           | 339 595           | 332 751           |
| <b>TOTAL</b>                                 | <b>11 230 238</b> | <b>11 587 903</b> | <b>13 336 373</b> | <b>13 825 729</b> | <b>13 637 370</b> | <b>13 140 930</b> | <b>12 732 014</b> | <b>12 809 824</b> | <b>12 841 228</b> | <b>11 711 420</b> | <b>11 547 878</b> |

| KATEGORIE<br>CATEGORIES                      | 2020              | 2021              | 2022              | 2023              |
|--|-------------------|-------------------|-------------------|-------------------|
| ZOOCIDES (INCL. SEED TREATMENT INSECTICIDES) | 1 015 404         | 874 575           | 877 424           | 837 772           |
| HERBICIDES AND DESICCANTS                    | 4 623 394         | 4 910 765         | 4 948 492         | 4 704 889         |
| FUNGICIDES (INCL. SEED TREATMENT FUNGICIDES) | 3 627 250         | 3 439 073         | 3 465 671         | 3 286 015         |
| PLANT GROWTH REGULATORS                      | 912 595           | 1 044 846         | 1 119 957         | 940 024           |
| RODENTICIDES                                 | 553 528           | 67 633            | 84 452            | 366 253           |
| OTHERS <sup>2)</sup>                         | 314 427           | 404 796           | 376 102           | 354 108           |
| <b>TOTAL</b>                                 | <b>11 046 598</b> | <b>10 741 687</b> | <b>10 852 188</b> | <b>10 489 061</b> |

<sup>1)</sup> OPPMs – other plant protection means

<sup>2)</sup> others – auxiliary plant protection means, repellents, mineral oils and others

Ústřední kontrolní  
a zkušební ústav zemědělský

Česká republika - Spotřeba účinných látek v letech 2009-2023 (kg) na zemědělské půdě, mořiči stanice, sklady rostlinných produktů  
bez látek obsažených ve vzájemně uznaných pomocných prostředcích dle Nařízení (EU) 2019/515

Central Institute for Supervising  
and Testing in Agriculture

Czech Republic - Usage of active substances in 2009-2023 (kg) on agricultural land, seed treatment, storage warehouses of plant products  
without auxiliary plant protection means mutually recognized according to Regulation (EU) 2019/515

| KATEGORIE<br>CATEGORIES                      | 2009             | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             | 2019             |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| ZOOCIDES (INCL. SEED TREATMENT INSECTICIDES) | 264 847          | 211 823          | 236 212          | 275 760          | 268 319          | 282 781          | 256 702          | 262 820          | 226 662          | 242 727          | 223 984          |
| HERBICIDES AND DESICCANTS                    | 2 715 232        | 2 768 226        | 2 823 736        | 2 873 327        | 2 615 341        | 2 320 790        | 2 194 484        | 2 218 209        | 2 196 650        | 2 006 524        | 1 836 730        |
| FUNGICIDES (INCL. SEED TREATMENT FUNGICIDES) | 1 086 989        | 1 256 277        | 1 351 621        | 1 366 461        | 1 514 400        | 1 415 379        | 1 359 874        | 1 414 762        | 1 425 739        | 1 378 257        | 1 411 708        |
| PLANT GROWTH REGULATORS                      | 690 254          | 711 872          | 891 199          | 871 719          | 748 659          | 663 132          | 661 064          | 588 407          | 638 489          | 519 270          | 480 049          |
| RODENTICIDES                                 | 1 013            | 6 073            | 5 200            | 8 461            | 3 778            | 8 984            | 13 923           | 6 456            | 3 099            | 3 582            | 5 078            |
| OTHERS <sup>2)</sup>                         | 126 509          | 216 857          | 387 302          | 322 594          | 371 669          | 330 620          | 370 265          | 388 122          | 276 605          | 238 147          | 231 959          |
| <b>TOTAL</b>                                 | <b>4 884 844</b> | <b>5 171 128</b> | <b>5 599 270</b> | <b>5 718 332</b> | <b>5 522 166</b> | <b>5 021 686</b> | <b>4 856 332</b> | <b>4 878 776</b> | <b>4 769 243</b> | <b>4 388 506</b> | <b>4 189 542</b> |

| KATEGORIE<br>CATEGORIES                      | 2020             | 2021             | 2022             | 2023             |
|--|------------------|------------------|------------------|------------------|
| ZOOCIDES (INCL. SEED TREATMENT INSECTICIDES) | 163 133          | 61 896           | 68 583           | 67 442           |
| HERBICIDES AND DESICCANTS                    | 1 657 374        | 1 738 179        | 1 724 076        | 1 650 883        |
| FUNGICIDES (INCL. SEED TREATMENT FUNGICIDES) | 1 307 899        | 1 224 255        | 1 179 807        | 1 067 076        |
| PLANT GROWTH REGULATORS                      | 402 141          | 463 332          | 496 626          | 391 551          |
| RODENTICIDES                                 | 13 849           | 1 698            | 1 611            | 9 156            |
| OTHERS <sup>2)</sup>                         | 239 800          | 309 181          | 274 510          | 228 012          |
| <b>TOTAL</b>                                 | <b>3 784 196</b> | <b>3 797 541</b> | <b>3 745 213</b> | <b>3 414 120</b> |

<sup>2)</sup> others – auxiliary plant protection means, repellents, mineral oils and others

Ústřední kontrolní  
a zkušební ústav zemědělský

Česká republika - Spotřeba účinných látek obsažených v POR v letech 2009-2023 (kg)  
na zemědělské půdě bez látek obsažených v pomocných prostředcích na ochranu rostlin

Central Institute for Supervising  
and Testing in Agriculture

Czech Republic - Usage of active substances contained in PPPs in 2009-2023 (kg)  
on agricultural land without auxiliary plant protection means

| KATEGORIE<br>CATEGORIES                      | 2009             | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             | 2019             |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| ACARICIDES                                   | 4 843            | 5 357            | 3 828            | 3 641            | 983              | 705              | 915              | 957              | 614              | 1 939            | 1 496            |
| BIOLOGICAL PRODUCTS BASED ON MICRO-ORGANISMS | 1 602            | 3 379            | 4 007            | 4 518            | 4 966            | 4 470            | 4 611            | 5 148            | 5 623            | 6 446            | 3 329            |
| DESICCANTS                                   |                  |                  | 29 102           | 31 376           | 28 316           | 26 257           | 25 008           | 29 897           | 33 008           | 24 385           | 28 667           |
| PHEROMONES                                   |                  |                  |                  |                  |                  | 24               | 87               | 32               | 78               | 102              | 123              |
| FUNGICIDES                                   | 1 085 387        | 1 227 726        | 1 340 818        | 1 352 376        | 1 505 814        | 1 403 184        | 1 346 297        | 1 364 164        | 1 366 085        | 1 319 250        | 1 360 112        |
| HERBICIDES                                   | 2 710 630        | 2 768 223        | 2 794 634        | 2 841 950        | 2 587 025        | 2 294 533        | 2 169 476        | 2 188 311        | 2 165 642        | 1 982 138        | 1 808 057        |
| INSEKTICIDES                                 | 257 501          | 198 878          | 222 336          | 266 143          | 258 566          | 265 185          | 241 555          | 242 388          | 210 407          | 229 409          | 216 722          |
| MOLLUSCICIDES                                | 2 484            | 7 680            | 9 182            | 4 685            | 7 111            | 15 844           | 10 156           | 7 981            | 9 288            | 4 545            | 3 515            |
| NEMATOCIDES                                  | 15               | 6                |                  |                  |                  |                  | 170              | 178              | 32               | 374              | 181              |
| PLANT GROWTH REGULATORS                      | 690 254          | 711 854          | 891 108          | 871 719          | 748 659          | 663 122          | 661 064          | 588 407          | 638 489          | 519 270          | 480 049          |
| REPELLENTS                                   | 1 342            | 766              | 5 888            | 4 725            | 1 983            | 1 901            | 12               | 979              | 1 669            | 84               | 121              |
| RODENTICIDES                                 | 1 013            | 6 073            | 5 200            | 8 462            | 3 778            | 8 984            | 13 923           | 6 456            | 3 099            | 3 582            | 5 078            |
| <b>TOTAL</b>                                 | <b>4 755 074</b> | <b>4 927 940</b> | <b>5 306 102</b> | <b>5 389 614</b> | <b>5 147 199</b> | <b>4 684 210</b> | <b>4 473 275</b> | <b>4 434 898</b> | <b>4 434 035</b> | <b>4 091 524</b> | <b>3 907 471</b> |

| KATEGORIE<br>CATEGORIES                      | 2020             | 2021             | 2022             | 2023             |
|--|------------------|------------------|------------------|------------------|
| ACARICIDES                                   | 773              | 766              | 1 081            | 679              |
| BIOLOGICAL PRODUCTS BASED ON MICRO-ORGANISMS | 3 035            | 2 998            | 3 800            | 3 642            |
| DESICCANTS                                   | 6 201            | 6 031            | 4 196            | 2 927            |
| PHEROMONES                                   | 172              | 163              | 147              | 137              |
| FUNGICIDES                                   | 1 277 891        | 1 194 282        | 1 153 639        | 1 037 084        |
| HERBICIDES                                   | 1 651 172        | 1 732 148        | 1 719 890        | 1 647 956        |
| INSEKTICIDES                                 | 154 286          | 48 873           | 56 487           | 55 922           |
| MOLLUSCICIDES                                | 6 077            | 10 609           | 8 992            | 8 918            |
| NEMATOCIDES                                  | 251              | 265              | 139              | 393              |
| PLANT GROWTH REGULATORS                      | 402 141          | 463 332          | 496 626          | 391 551          |
| REPELLENTS                                   | 83               | 94               | 269              | 64               |
| RODENTICIDES                                 | 13 849           | 1 698            | 1 611            | 9 156            |
| <b>TOTAL</b>                                 | <b>3 515 932</b> | <b>3 461 257</b> | <b>3 446 867</b> | <b>3 158 450</b> |