**SUPPLEMENTARY MATERIAL**

**Tab. 1** Danish annual harvesting statistics for the period of 2012-2015 (from www.dst.dk)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Production mio.kg | | | | Area, 1000 ha | | | |
|  | **2012** | **2013** | **2014** | **2015** | **2012** | **2013** | **2014** | **2015** |
| GRAINS (ALL) | 9460,4 | 9085,1 | 9764,4 | 10023 | 1495,5 | 1435 | 1442,7 | 1453,3 |
| Winter wheat | 4370,8 | 3997 | 5082,6 | 4957,7 | 583,2 | 539,5 | 646,6 | 617,5 |
| Spring wheat | 154,3 | 148,2 | 70,7 | 71,6 | 30,9 | 28,4 | 15,5 | 14,9 |
| Rye | 384,4 | 526,8 | 677,8 | 771,7 | 64,6 | 87,2 | 106,5 | 121,8 |
| Triticale | 114,6 | 74,4 | 95,9 | 81,8 | 22 | 13,3 | 15,5 | 15,5 |
| Winter barley | 648,7 | 677,4 | 789,9 | 805,2 | 101,8 | 109 | 119,1 | 119,1 |
| Spring barley | 3410 | 3272,5 | 2757,7 | 3050,8 | 621,6 | 580,3 | 485,3 | 512,2 |
| Oats and seeds | 302,5 | 313,2 | 216,9 | 231,4 | 58,4 | 64,4 | 44,2 | 43,9 |
| Maize | 75,1 | 75,7 | 72,9 | 52,7 | 12,9 | 12,8 | 10,1 | 8,5 |
| RAPESEED (ALL) | 484,6 | 687,7 | 708,9 | 826 | 129,1 | 177,2 | 166,1 | 193,2 |
| Winter rapeseed | 481,2 | 683,6 | 706,6 | .. | 127,5 | 175,5 | 164,9 | .. |
| Spring rapeseed | 3,4 | 4,1 | 2,2 | .. | 1,6 | 1,7 | 1,2 | .. |
| PULSES (ALL) | 26,5 | 24,6 | 33,2 | 51,4 | 6,8 | 7,2 | 8,4 | 11,9 |
| Fieldpeas | 17,6 | 14,6 | 17 | 21,1 | 4,4 | 4,3 | 4,2 | 4,7 |
| STRAW (ALL) | 3670,3 | 3164,7 | 3010,5 | 3039,6 | 1036,8 | 891,8 | 796,5 | 788,5 |
| Straw from the harvested grains | 3542,7 | 3038 | 2902,5 | 2914,3 | 998,5 | 854,9 | 768 | 755,7 |
| ROOT VEGETABLES (ALL) | 4579,1 | 3975,2 | 4341,7 | 3816,7 | 85 | 83,6 | 83,1 | 73 |
| Seed potatoes under control | 174,7 | 144,7 | 170,8 | 165,9 | 5,8 | 4,9 | 5 | 5,7 |
| Potatoes for flour production | 976,7 | 958,5 | 1024,3 | 1145,6 | 19,9 | 20,4 | 20,9 | 23,6 |
| Potatoes | 512,8 | 543,1 | 600,9 | 461 | 13,8 | 14,3 | 15,6 | 13,5 |
| Sugar beet | 2648,9 | 1993,6 | 2165,6 | 1696,5 | 40,8 | 38 | 36,3 | 25,3 |
| Other root crops for animal feed | 266 | 335,3 | 380,1 | 347,7 | 4,7 | 6 | 5,3 | 4,8 |
| GRASS, GREED FEED (ALL) | 27258,8 | 25113,9 | 26620,5 | 24254,6 | 776,5 | 858,3 | 855,4 | 861,6 |
| Pea family | 281,2 | 232,4 | 232,5 | 139 | 5,4 | 4,1 | 4,8 | 2,7 |
| Maize for silage | 6250,3 | 6897,1 | 7568,7 | 5561,1 | 184,6 | 180,9 | 180,8 | 182,4 |
| Grains | 1031,9 | 1137,4 | 1162,2 | 1000,7 | 51,4 | 56,1 | 62,3 | 57,2 |
| Grass and clover in rotation | 15783,3 | 13565,1 | 13932,4 | 12584,7 | 319 | 316,2 | 313,3 | 257,2 |
| Grass out of rotation | 3473,7 | 2811,9 | 3158,3 | 4433,2 | 216 | 212,8 | 201,3 | 273,1 |
| Silage | 438,2 | 470,1 | 566,4 | 535,9 | 84,1 | 88,3 | 92,9 | 88,9 |

**Tab. 2**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Land cover type | **CLC\_CODE** | **Copenhagen, ha** | | | **Viborg, ha** | |
| Continuous urban fabric | 111 | 2793 | | | 104 | |
| Discontinuous urban fabric | 112 | 36265 | | | 7831 | |
| Industrial or commercial units | 121 | 6115 | | | 1169 | |
| Road and rail networks and associated land | 122 | 986 | | |  | |
| Port areas | 123 | 2298 | | | 48 | |
| Airports | 124 | 1602 | | | 938 | |
| Mineral extraction sites | 131 | 662 | | | 153 | |
| Dump sites | 132 | 60 | | |  | |
| Construction sites | 133 | 25 | | |  | |
| Green urban areas | 141 | 5543 | | | 187 | |
| Sport and leisure facilities | 142 | 5715 | | | 964 | |
| Non-irrigated arable land | 211 | 48996 | | | 158067 | |
| Fruit trees and berry plantations | 222 | 198 | | |  | |
| Pastures | 231 | 2552 | | | 11074 | |
| Complex cultivation patterns | 242 | 395 | | | 5247 | |
| Land principally occupied by agriculture, with significant areas of natural vegetation | 243 | 9495 | | | 40695 | |
| Broad-leaved forest | 311 | 4874 | | | 1170 | |
| Coniferous forest | 312 | 907 | | | 15655 | |
| Mixed forest | 313 | 5838 | | | 8967 | |
| Natural grasslands | 321 | 3344 | | | 346 | |
| Moors and heathland |  |  | | | 3726 | |
| Transitional woodland-shrub | 324 | 1030 | | | 7375 | |
| Beaches, dunes, sands | 331 | 205 | | |  | |
| Inland marshes | 411 | 679 | | | 1427 | |
| Peat bogs | 412 | 1201 | | | 511 | |
| Salt marshes | 421 | 340 | | | 393 | |
| Water bodies | 512 | 2141 | | | 2760 | |
| Sea and ocean | 523 | 138506 | | | 13961 | |
|  | | |  |  | |  | |

**Tab. 3** Monitoring periods (2012-2015)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 2012 | 2013 | 2014 | 2015 |
| Copenhagen | 04.06-18.10 | 12.06-29.10 | 20.05-27.10 | 30.05-12.10 |
| Viborg | 04.06-01.10 | 12.06-01.10 | 31.05-22.09 | 30.05-21.09 |