

TABLE 1

## Area under hops, production of hops and alpha acid by producer countries 2004

| Country                 | Area          |               |                     |                        | Production     |                |                       |                            | Yield        | Alpha             |                         |                        | Forecast Area |                         |
|-------------------------|---------------|---------------|---------------------|------------------------|----------------|----------------|-----------------------|----------------------------|--------------|-------------------|-------------------------|------------------------|---------------|-------------------------|
|                         | I             | II            | III                 | IV                     | V              | VI             | VII                   | VIII                       | IX           | X                 | XI                      | XII                    | XIII          | XIV                     |
|                         | ha<br>2003    | ha<br>2004    | ha (+/-)<br>2004/03 | ha +/-<br>%<br>2004/03 | Tonnes<br>2003 | Tonnes<br>2004 | Tonnes +/-<br>2004/03 | Tonnes +/-<br>%<br>2004/03 | t/ha<br>2004 | #<br>tons<br>2004 | Per-<br>centage<br>2004 | Yield<br>kg/ha<br>2004 | ha<br>2005    | Change<br>ha<br>2004/05 |
|                         |               |               | (II-I)              | (III/I)                |                |                | (VI-V)                | (VII/V)                    | (VI/III)     |                   |                         |                        |               | (XIII-II)               |
| Belgium                 | 209           | 209           | 0                   | 0%                     | 403            | 294            | -109                  | -27%                       | 1,41         | 28                | 9,69%                   | 137                    | 181           | -28                     |
| Czech Republic          | 5 942         | 5 838         | -104                | -2%                    | 5 527          | 6 311          | 784                   | 14%                        | 1,08         | 291               | 4,61%                   | 50                     | 5 659         | -179                    |
| Germany                 | 17 562        | 17 477        | -85                 | 0%                     | 25 350         | 33 207         | 7 857                 | 31%                        | 1,90         | 3 184             | 9,59%                   | 182                    | 17 170        | -307                    |
| Spain                   | 671           | 634           | -37                 | -6%                    | 1 304          | 1 337          | 33                    | 2%                         | 2,11         | 154               | 11,51%                  | 243                    | 680           | 46                      |
| France                  | 817           | 787           | -30                 | -4%                    | 1 390          | 1 169          | -221                  | -16%                       | 1,49         | 24                | 2,09%                   | 31                     | 802           | 14                      |
| Ireland                 | -             | -             | -                   | -                      | -              | -              | -                     | -                          | -            | -                 | -                       | -                      | -             | -                       |
| Austria                 | 209           | 207           | -2                  | -1%                    | 292            | 299            | 7                     | 2%                         | 1,44         | 23                | 7,74%                   | 112                    | -             | -207                    |
| Poland                  | 2 172         | 2 239         | 67                  | 3%                     | 3 023          | 2 898          | -125                  | -4%                        | 1,29         | 215               | 7,41%                   | 96                     | 2 239         | 0                       |
| Portugal                | 37            | 40            | 3                   | 8%                     | 35             | 38             | 3                     | 8%                         | 0,95         | 3                 | 8,75%                   | 83                     | 37            | -3                      |
| Slovenia                | 1 652         | 1 398         | -254                | -15%                   | 1 326          | 2 412          | 1 086                 | 82%                        | 1,73         | 234               | 9,70%                   | 167                    | 1 511         | 113                     |
| Slovakia                | 350           | 322           | -28                 | -8%                    | 375            | 363            | -12                   | -3%                        | 1,13         | 15                | 3,99%                   | 45                     | 350           | 28                      |
| United Kingdom          | 1 457         | 1 350         | -107                | -7%                    | 1 923          | 2 071          | 148                   | 8%                         | 1,53         | 178               | 8,59%                   | 132                    | 1 187         | -163                    |
| <b>EU-25</b>            | <b>31 078</b> | <b>30 501</b> | <b>-577</b>         | <b>-2%</b>             | <b>40 948</b>  | <b>50 400</b>  | <b>9 452</b>          | <b>23%</b>                 | <b>1,65</b>  | <b>4 349</b>      | <b>8,63%</b>            | <b>143</b>             | <b>29 816</b> | <b>-686</b>             |
| Australia               | 439           | 535           | 96                  | 22%                    | 1 272          | 1 272          | 0                     | 0%                         | 2,38         | 157               | 12,34%                  | 293                    | 449           | -86                     |
| Bulgaria                | 221           | 221           | 0                   | 0%                     | 303            | 323            | 20                    | 7%                         | 1,46         | 33                | 10,09%                  | 148                    | 221           | 0                       |
| China                   | 5 920         | 4 400         | -1 520              | -26%                   | 12 994         | 11 195         | -1 799                | -14%                       | 2,54         | 735               | 6,57%                   | 167                    | 4 400         | 0                       |
| New Zealand             | 426           | 422           | -4                  | -1%                    | 781            | 792            | 11                    | 1%                         | 1,88         | 65                | 8,14%                   | 153                    | 403           | -19                     |
| Russia                  | 630           | 555           | -75                 | -12%                   | 320            | 340            | 20                    | 6%                         | 0,61         | 15                | 4,41%                   | 27                     | 544           | -11                     |
| South Africa            | 503           | 503           | 0                   | 0%                     | 924            | 996            | 72                    | 8%                         | 1,98         | 134               | 13,45%                  | 266                    | 506           | 3                       |
| U.S.A.                  | 11 541        | 11 232        | -309                | -3%                    | 24 751         | 25 040         | 289                   | 1%                         | 2,23         | 2 900             | 11,58%                  | 258                    | 11 879        | 648                     |
| Ukraine                 | 1 985         | 1 464         | -521                | -26%                   | 1 300          | 1 270          | -30                   | -2%                        | 0,87         | 60                | 4,69%                   | 41                     | 1 464         | 0                       |
| Serbia&Montenegro       | 378           | 246           | -132                | -35%                   | 266            | 428            | 162                   | 61%                        | 1,74         | 12                | 2,83%                   | 49                     | 246           | 0                       |
| <b>Total IHGC (-EU)</b> | <b>22 043</b> | <b>19 577</b> | <b>-2 466</b>       | <b>-11,2%</b>          | <b>42 911</b>  | <b>41 656</b>  | <b>-1 255</b>         | <b>-2,92%</b>              | <b>2,13</b>  | <b>4 110</b>      | <b>9,87%</b>            | <b>210</b>             | <b>20 112</b> | <b>535</b>              |
| <b>Total IHGC(+EU)</b>  | <b>53 121</b> | <b>50 078</b> | <b>-3 043</b>       | <b>-5,7%</b>           | <b>83 859</b>  | <b>92 056</b>  | <b>8 197</b>          | <b>9,77%</b>               | <b>1,84</b>  | <b>8 459</b>      | <b>9,19%</b>            | <b>169</b>             | <b>49 928</b> | <b>-151</b>             |
| <b>Total World (*)</b>  | <b>53 459</b> | <b>51 200</b> | <b>-2 259</b>       | <b>-4,2%</b>           | <b>85 520</b>  | <b>89 346</b>  | <b>3 826</b>          | <b>4,5%</b>                | <b>1,75</b>  | <b>7 575</b>      | <b>8,5%</b>             | <b>148</b>             |               |                         |

Source : Elaboration by DG AGRI, based on communications from Member States, International Hop Growers' Convention ( IHGC), Hop Growers of America and (\*) Hopsteiner 2004 Entscheidungsdaten für den Hopfeneinkauf

**TABLE 2**  
**ESTIMATED FORWARD SALES (Tonnes)**  
**2005 - 2009**

|  | <b>Country</b>          | <b>2005</b>   | <b>2006</b>   | <b>2007</b>   | <b>2008</b>   | <b>2009<br/>and beyond</b> |
|--|-------------------------|---------------|---------------|---------------|---------------|----------------------------|
|  | Belgium                 | 76            | 44            | 36            | 38            | 38                         |
|  | Czech Republic          | 5 418         | 4 551         | 1 333         | 771           | 267                        |
|  | Germany                 | 19 000        | 11 700        | 6 600         | 4 300         | 1 200                      |
|  | Spain                   | 1 285         | -             | -             | -             | -                          |
|  | France                  | 1 037         | 43            | 25            | 22            | 11                         |
|  | Ireland                 | -             | -             | -             | -             | -                          |
|  | Austria                 | 270           | 270           | 280           | 280           | 280                        |
|  | Poland                  | 2 970         | 3 020         | 3 080         | 3 110         | 3 130                      |
|  | Portugal                | -             | -             | -             | -             | -                          |
|  | Slovenia                | 171           | -             | -             | -             | -                          |
|  | Slovakia                | 335           | 335           | 335           | 335           | 335                        |
|  | United Kingdom          | 8 801         | 6 945         | 3 597         | 841           | 100                        |
|  | <b>EU-25</b>            | <b>39 363</b> | <b>26 908</b> | <b>15 286</b> | <b>9 697</b>  | <b>5 361</b>               |
|  | <b><u>IHGC</u></b>      |               |               |               |               |                            |
|  | U.S.A.                  | 36 987        | 22 220        | 10 988        | 8 833         | 5 563                      |
|  | Australia               | -             | -             | -             | -             | -                          |
|  | New Zealand             | 585           | 340           | 150           | 150           | 80                         |
|  | South Africa            | 886           | 825           | 825           | 825           | 825                        |
|  | Russia                  | 120           | 130           | -             | -             | -                          |
|  | Ukraine                 | -             | -             | -             | -             | -                          |
|  | Bulgaria                | 190           | 210           | -             | -             | -                          |
|  | China                   | 4 000         | -             | -             | -             | -                          |
|  | <b>Total IHGC (-EU)</b> | <b>42 768</b> | <b>23 725</b> | <b>11 963</b> | <b>9 808</b>  | <b>6 468</b>               |
|  | <b>Total IHGC (+EU)</b> | <b>82 131</b> | <b>50 633</b> | <b>27 249</b> | <b>19 505</b> | <b>11 829</b>              |

Source: Elaboration by DG AGRI, based on communications from Member States, International Hop Growers' Convention (IHGC )

**TABLE 3**  
**Hops: World Hop Production**  
**1982 - 2004**

| YEAR                               | AREA   | PRODUCTION |                     | YIELD           |            |                          |                           | GERMANY - PRICE             |                         | U.S. *       |
|------------------------------------|--------|------------|---------------------|-----------------|------------|--------------------------|---------------------------|-----------------------------|-------------------------|--------------|
|                                    |        | I          | II                  | III             | VI         | V                        | VI                        | VII                         | VIII                    | IX           |
|                                    | (ha)   | (Ztr)      | (tonnes)<br>IIx0,05 | (t/ha)<br>III/I | (alpha/ t) | (% alpha)<br>Vx20/IIx100 | (kg alpha/ha)<br>Vx1000/I | EURO /<br>TONNE<br>Contract | EURO /<br>TONNE<br>Spot | EURO / TONNE |
| 1982                               | 92 688 | 2 651 851  | 132 593             | 1,43            | 7 543      | 5,69                     | 81,38                     | 3471                        | 1800                    | 3944         |
| 1983                               | 88 701 | 2 472 791  | 123 640             | 1,39            | 8 165      | 6,60                     | 92,05                     | 3649                        | 1704                    | 5197         |
| 1984                               | 86 700 | 2 419 725  | 120 986             | 1,40            | 6 990      | 5,78                     | 80,62                     | 3577                        | 2186                    | 6369         |
| 1985                               | 85 699 | 2 372 455  | 118 623             | 1,38            | 7 528      | 6,35                     | 87,84                     | 3663                        | 1349                    | 4957         |
| 1986                               | 87 274 | 2 366 497  | 118 325             | 1,36            | 8 414      | 7,11                     | 96,41                     | 3837                        | 2852                    | 3667         |
| 1987                               | 90 044 | 2 407 032  | 120 352             | 1,34            | 7 382      | 6,13                     | 81,98                     | 3867                        | 3673                    | 2648         |
| 1988                               | 91 653 | 2 435 121  | 121 756             | 1,33            | 7 549      | 6,20                     | 82,36                     | 3725                        | 3137                    | 2650         |
| 1989                               | 92 864 | 2 286 671  | 114 334             | 1,23            | 6 860      | 6,00                     | 73,87                     | 3794                        | 11759                   | 2525         |
| 1990                               | 91 512 | 2 618 744  | 130 937             | 1,43            | 8 773      | 6,70                     | 95,86                     | 3673                        | 3829                    | 2394         |
| 1991                               | 91 503 | 2 478 345  | 123 917             | 1,35            | 7 913      | 6,39                     | 86,48                     | 3607                        | 3754                    | 2627         |
| 1992                               | 90 185 | 2 817 586  | 140 879             | 1,56            | 9 862      | 7,00                     | 109,35                    | 3721                        | 1360                    | 3166         |
| 1993                               | 86 393 | 2 417 527  | 120 876             | 1,40            | 7 494      | 6,20                     | 86,75                     | 3709                        | 2345                    | 3461         |
| 1994                               | 86 133 | 2 562 412  | 128 121             | 1,49            | 8 584      | 6,70                     | 99,66                     | 3896                        | 2741                    | 3256         |
| 1995                               | 82 408 | 2 549 306  | 127 465             | 1,55            | 9 395      | 7,37                     | 114,01                    | 3959                        | 1942                    | 2866         |
| 1996                               | 78 000 | 2 500 000  | 125 000             | 1,60            | 9 300      | 7,44                     | 119,23                    | 3814                        | 1223                    | 2910         |
| 1997                               | 71 531 | 2 234 000  | 111 700             | 1,56            | 9 225      | 8,26                     | 128,97                    | 3683                        | 1679                    | 3135         |
| 1998                               | 60 078 | 1 886 799  | 94 340              | 1,57            | 7 026      | 7,45                     | 116,95                    | 3722                        | 1697                    | 3027         |
| 1999                               | 57 807 | 1 874 942  | 93 747              | 1,62            | 7 310      | 7,80                     | 126,46                    | 3497                        | 3160                    | 3667         |
| 2000                               | 58 164 | 1 918 216  | 95 911              | 1,65            | 7 388      | 7,70                     | 127,02                    | 3367                        | 5520                    | 4371         |
| 2001                               | 58 505 | 1 956 264  | 97 813              | 1,67            | 7 928      | 8,11                     | 135,51                    | 3449                        | 3408                    | 4656         |
| 2002                               | 56 386 | 1 912 440  | 95 622              | 1,70            | 8 811      | 9,21                     | 156,26                    | 3398                        | 2540                    | 4097         |
| 2003                               | 55 029 | 1 686 660  | 84 333              | 1,53            | 6 099      | 7,23                     | 110,83                    | 3371                        | 3570                    | 3309         |
| 2004                               | 50 078 | 1 841 120  | 92 056              | 1,84            | 8 459      | 9,19                     | 168,92                    | 3660                        | 1830                    | 3101         |
| <b>Average<br/>1993 - 2004</b>     | 66 709 | 2 111 641  | 105 582             | 1,60            | 8 085      | 8                        | 124                       | 3 627                       | 2 638                   | 3 488        |
| <b>Index 2004<br/>(1983 = 100)</b> | 56%    | 74%        | 74%                 | 132%            | 104%       | 139%                     | 184%                      | 100%                        | 107%                    |              |
| <b>Index 2003<br/>(1993=100)</b>   | 64%    | 70%        | 70%                 | 110%            | 81%        | 117%                     | 128%                      | 91%                         | 152%                    |              |

Source : Elaboration by DG AGRI, based on communications from Member States, International Hop Growers' Convention ( IHGC)

\* Exchange rates used for each year are the rates of 1st January of the following year.

**TABLE 4 (1)**  
**EU External trade in hops and hop products - in tonnes**

| Member States         | 1 January 2000 - 31 December 2000 |          |           |            | 1 January 2001 - 31 December 2001 |           |          |            | 1 January 2002 - 31 December 2002 |          |          |            | 1 January 2003 - 31 December 2003 |          |           |            | 1 January 2004 - 31 December 2004 |           |          |            |
|-----------------------|-----------------------------------|----------|-----------|------------|-----------------------------------|-----------|----------|------------|-----------------------------------|----------|----------|------------|-----------------------------------|----------|-----------|------------|-----------------------------------|-----------|----------|------------|
|                       | Cones                             |          | Extracts  | Equivalent | Cones                             |           | Extracts | Equivalent | Cones                             |          | Extracts | Equivalent | Cones                             |          | Extracts  | Equivalent | Cones                             |           | Extracts | Equivalent |
|                       | =*1,1                             | =*3,5    | Total (1) | =*1,1      | =*3,5                             | Total (1) | =*1,1    | =*3,5      | Total (1)                         | =*1,1    | =*3,5    | Total (1)  | =*1,1                             | =*3,5    | Total (1) | =*1,1      | =*3,5                             | Total (1) |          |            |
| <b>CN</b>             | 12 10 10                          | 12 10 20 | 13 02 13  | Hop Cones  | 12 10 10                          | 12 10 20  | 13 02 13 | Hop Cones  | 12 10 10                          | 12 10 20 | 13 02 13 | Hop Cones  | 12 10 10                          | 12 10 20 | 13 02 13  | Hop Cones  | 12 10 10                          | 12 10 20  | 13 02 13 | Hop Cones  |
| <b>Belgium+Lux.**</b> |                                   |          |           |            |                                   |           |          |            |                                   |          |          |            |                                   |          |           |            |                                   |           |          |            |
| - Import              | 100                               | 518      | 169       | 1 261      | 23                                | 412       | 175      | 1 087      | 23                                | 372      | 104      | 795        | 26                                | 352      | 248       | 1 281      | 34                                | 645       | 289      | 1 754      |
| - Export              | 15                                | 69       | 36        | 217        | 38                                | 13        | 45       | 210        | 0                                 | 61       | 44       | 222        | 13                                | 27       | 168       | 630        | 9                                 | 115       | 105      | 501        |
| - Net                 | -85                               | -449     | -133      | -1 044     | 15                                | -399      | -130     | -877       | -23                               | -310     | -60      | -573       | -13                               | -326     | -80       | -650       | -24                               | -530      | -184     | -1 253     |
| <b>Denmark</b>        |                                   |          |           |            |                                   |           |          |            |                                   |          |          |            |                                   |          |           |            |                                   |           |          |            |
| - Import              | 0                                 | 13       | 12        | 54         | 15                                | 13        | 2        | 37         |                                   | 0        | 1        | 2          |                                   | 17       | 5         | 37         |                                   | 9         | 10       | 45         |
| - Export              | 0                                 | 13       | 8         | 41         | 7                                 | 8         | 7        | 42         | 2                                 | 8        | 5        | 28         |                                   | 2        | 8         | 31         |                                   | 1         | 0        | 2          |
| - Net                 | 0                                 | 0        | -4        | -14        | -7                                | -5        | 5        | 5          | 2                                 | 8        | 5        | 27         |                                   | -15      | 3         | -6         |                                   | -8        | -10      | -43        |
| <b>Germany</b>        |                                   |          |           |            |                                   |           |          |            |                                   |          |          |            |                                   |          |           |            |                                   |           |          |            |
| - Import              | 3 064                             | 693      | 227       | 4 620      | 3 716                             | 960       | 334      | 5 942      | 3 466                             | 1 308    | 123      | 5 333      | 3 290                             | 159      | 239       | 4 300      | 2 649                             | 596       | 308      | 4 385      |
| - Export              | 3 955                             | 10 127   | 1 169     | 19 185     | 2 733                             | 9 997     | 1 165    | 17 807     | 2 480                             | 10 104   | 1 406    | 18 515     | 2 133                             | 11 087   | 1 237     | 18 656     | 744                               | 10 410    | 1 241    | 16 537     |
| - Net                 | 891                               | 9 433    | 942       | 14 566     | -983                              | 9 037     | 831      | 11 864     | -986                              | 8 797    | 1 283    | 13 182     | -1 157                            | 10 928   | 998       | 14 356     | -1 905                            | 9 814     | 932      | 12 153     |
| <b>Greece</b>         |                                   |          |           |            |                                   |           |          |            |                                   |          |          |            |                                   |          |           |            |                                   |           |          |            |
| - Import              | 0                                 | 0        | 39        | 137        | 0                                 | 0         | 37       | 129        | 0                                 | 0        | 22       | 78         |                                   | 0        | 25        | 89         |                                   | 0         | 31       | 108        |
| - Export              | 0                                 | 0        | 0         | 0          | 0                                 | 0         | 1        | 2          | 0                                 | 0        | 0        | 0          |                                   | 0        | 0         | 0          |                                   | 0         | 0        | 0          |
| - Net                 | 0                                 | 0        | -39       | -137       | 0                                 | 0         | -36      | -126       | 0                                 | 0        | -22      | -78        |                                   | 0        | -25       | -89        |                                   | 0         | -31      | -108       |
| <b>Spain</b>          |                                   |          |           |            |                                   |           |          |            |                                   |          |          |            |                                   |          |           |            |                                   |           |          |            |
| - Import              | 0                                 | 18       | 1         | 21         | 0                                 | 22        | 1        | 26         | 0                                 | 22       | 1        | 26         |                                   | 30       | 2         | 38         |                                   | 12        | 3        | 24         |
| - Export              | 0                                 | 15       | 0         | 17         | 0                                 | 0         | 1        | 4          | 0                                 | 0        | 0        | 0          |                                   | 1        | 2         | 2          |                                   | 0         | 1        | 5          |
| - Net                 | 0                                 | -3       | -1        | -5         | 0                                 | -22       | 1        | -22        | 0                                 | -22      | -1       | -26        |                                   | -30      | -1        | -36        |                                   | -12       | -2       | -19        |
| <b>France</b>         |                                   |          |           |            |                                   |           |          |            |                                   |          |          |            |                                   |          |           |            |                                   |           |          |            |
| - Import              | 21                                | 0        | 46        | 181        | 0                                 | 19        | 53       | 208        | 5                                 | 9        | 38       | 5          | 808                               | 1        | 898       | 14         |                                   | 35        | 138      |            |
| - Export              | 852                               | 8        | 1         | 862        | 990                               | 0         | 0        | 990        | 981                               | 1        | 0        | 983        | 1 003                             | 3        | 0         | 1 008      | 282                               | 5         | 1        | 292        |
| - Net                 | 831                               | 7        | -45       | 681        | 990                               | -19       | -53      | 782        | 976                               | 1        | -9       | 945        | 998                               | -804     | -1        | 110        | 268                               | 5         | -34      | 154        |
| <b>Ireland</b>        |                                   |          |           |            |                                   |           |          |            |                                   |          |          |            |                                   |          |           |            |                                   |           |          |            |
| - Import              | 0                                 | 131      | 338       | 1 327      | 0                                 | 130       | 194      | 820        |                                   | 137      | 285      | 1 149      |                                   | 25       | 137       | 505        |                                   | 95        | 83       | 396        |
| - Export              | 0                                 | 0        | 0         | 0          | 0                                 | 0         | 0        | 0          | 0                                 | 0        | 0        | 0          | 0                                 | 0        | 0         | 0          | 0                                 | 0         | 1        | 2          |
| - Net                 | 0                                 | -131     | -338      | -1 327     | 0                                 | -130      | -194     | -820       |                                   | -137     | -285     | -1 149     |                                   | -25      | -137      | -505       |                                   | -95       | -83      | -395       |
| <b>Italy</b>          |                                   |          |           |            |                                   |           |          |            |                                   |          |          |            |                                   |          |           |            |                                   |           |          |            |
| - Import              | 57                                | 1        | 51        | 236        | 34                                | 0         | 33       | 150        | 21                                | 1        | 37       | 150        | 18                                | 3        | 23        | 102        | 1                                 | 40        | 56       | 240        |
| - Export              | 0                                 | 0        | 19        | 67         | 0                                 | 2         | 0        | 2          | 2                                 | 7        | 1        | 12         |                                   | 15       | 0         | 16         | 0                                 | 0         | 11       | 40         |
| - Net                 | -57                               | -1       | -32       | -169       | -34                               | 2         | -33      | -148       | -19                               | 6        | -36      | -138       | -18                               | 12       | -23       | -86        | -1                                | -40       | -44      | -200       |
| <b>Netherlands</b>    |                                   |          |           |            |                                   |           |          |            |                                   |          |          |            |                                   |          |           |            |                                   |           |          |            |
| - Import              | 0                                 | 54       | 307       | 1 134      | 0                                 | 45        | 326      | 1 190      | 73                                | 67       | 218      | 907        |                                   | 60       | 283       | 1 056      |                                   | 103       | 253      | 1 000      |
| - Export              | 434                               | 3        | 0         | 437        | 564                               | 0         | 6        | 585        | 218                               | 0        | 4        | 232        |                                   |          | 3         | 11         |                                   | 19        | 25       | 109        |
| - Net                 | 434                               | -52      | -307      | -697       | 564                               | -45       | -320     | -605       | 145                               | -67      | -214     | -676       |                                   | -60      | -280      | -1 044     |                                   | -84       | -228     | -890       |
| <b>Austria</b>        |                                   |          |           |            |                                   |           |          |            |                                   |          |          |            |                                   |          |           |            |                                   |           |          |            |
| - Import              | 22                                | 3        | 0         | 25         | 21                                | 10        | 0        | 32         | 10                                | 9        | 0        | 21         | 12                                | 0        | 12        | 2          |                                   | 0         | 0        | 3          |
| - Export              | 5                                 | 171      | 19        | 260        | 0                                 | 54        | 11       | 96         |                                   | 43       | 12       | 88         | 4                                 | 37       | 5         | 62         | 1                                 | 55        | 9        | 92         |
| - Net                 | -17                               | 168      | 19        | 235        | -21                               | 44        | 11       | 64         | -10                               | 33       | 12       | 67         | -8                                | 36       | 5         | 50         | -1                                | 55        | 8        | 89         |
| <b>Portugal</b>       |                                   |          |           |            |                                   |           |          |            |                                   |          |          |            |                                   |          |           |            |                                   |           |          |            |
| - Import              | 0                                 | 6        | 65        | 235        | 0                                 | 0         | 5        | 16         |                                   | 3        | 0        | 4          |                                   | 3        | 0         | 4          |                                   |           | 1        | 2          |
| - Export              | 0                                 | 1        | 0         | 1          | 0                                 | 0         | 0        | 0          | 0                                 | 0        | 2        | 7          |                                   | 0        | 0         | 0          |                                   | 1         | 0        | 1          |
| - Net                 | 0                                 | -5       | -65       | -234       | 0                                 | 0         | -5       | -16        | 0                                 | -3       | 2        | 3          |                                   | -3       | 0         | -4         |                                   | 1         | -1       | -1         |
| <b>Finland</b>        |                                   |          |           |            |                                   |           |          |            |                                   |          |          |            |                                   |          |           |            |                                   |           |          |            |
| - Import              | 0                                 | 0        | 0         | 0          | 0                                 | 23        | 0        | 26         |                                   | 87       | 1        | 99         |                                   | 5        | 5         | 23         |                                   | 61        | 9        | 100        |
| - Export              | 0                                 | 12       | 0         | 13         | 0                                 | 2         | 0        | 3          |                                   | 10       |          | 11         |                                   | 14       | 15        | 15         |                                   |           | 0        | 0          |
| - Net                 | 0                                 | 12       | 0         | 13         | 0                                 | -21       | 0        | -24        |                                   | -77      | -1       | -88        |                                   | 9        | -5        | -8         |                                   | -61       | -9       | -100       |
| <b>Sweden</b>         |                                   |          |           |            |                                   |           |          |            |                                   |          |          |            |                                   |          |           |            |                                   |           |          |            |
| - Import              | 0                                 | 0        | 2         | 7          | 0                                 | 0         | 0        | 0          | 0                                 | 0        | 4        | 13         |                                   | 0        | 0         | 0          |                                   | 2         | 0        | 2          |
| - Export              | 7                                 | 0        | 0         | 7          | 0                                 | 0         | 0        | 1          | 0                                 | 0        | 0        | 0          | 0                                 | 0        | 0         | 0          | 0                                 | 0         | 0        | 0          |
| - Net                 | 7                                 | 0        | -2        | 1          | 0                                 | 0         | 0        | 1          | 0                                 | 0        | -4       | -13        |                                   | 0        | 0         | 0          |                                   | -2        | 0        | -2         |
| <b>United Kingdom</b> |                                   |          |           |            |                                   |           |          |            |                                   |          |          |            |                                   |          |           |            |                                   |           |          |            |
| - Import              | 110                               | 905      | 342       | 2 301      | 178                               | 562       | 306      | 1 869      | 159                               | 1 053    | 339      | 2 506      | 299                               | 1 005    | 388       | 2 762      | 285                               | 837       | 415      | 2 658      |
| - Export              | 86                                | 165      | 313       | 1 363      | 78                                | 375       | 212      | 1 233      | 106                               | 447      | 308      | 1 675      | 44                                | 783      | 246       | 1 767      | 72                                | 801       | 379      | 2 278      |
| - Net                 | -25                               | -740     | -28       | -938       | -100                              | -187      | -94      | -636       | -53                               | -607     | -32      | -831       | -255                              | -222     | -142      | -995       | -213                              | -37       | -36      | -381       |
| <b>Total EU-15</b>    |                                   |          |           |            |                                   |           |          |            |                                   |          |          |            |                                   |          |           |            |                                   |           |          |            |
| - Import              | 3 373                             | 2 342    | 1 597     | 11 539     | 3 986                             | 2 196     | 1 466    | 11 532     | 3 757                             | 3 060    | 1 141    | 11 118     | 3 649                             | 2 466    | 1 356     | 11 106     | 2 984                             | 2 339     | 1 495    | 10 788     |
| - Export              | 5 355                             | 10 582   | 1 565     | 22 471     | 4 410                             | 10 451    | 1 448    | 20 974     | 3 789                             | 10 681   | 1 785    | 21 784     | 3 197                             | 11 975   | 1 664     | 22 192     | 1 109                             | 11 348    | 1 763    | 19 761     |
| - Net                 | 1 981                             | 8 240    | -32       | 10 932     | 424                               | 8 256     | -18      | 9 442      | 31                                | 7 621    | 639      | 10 652     | -452                              | 9 509    | 308       | 11 085     | -1 875                            | 9 009     | 268      | 8 973      |

Source: Eurostat 25/07/05  
100 kg powder = 110 kg cones  
100 kg extracts = 350 kg cones

(1)

TABLE 4 (2)

## EU external trade in hops and hop production with certain countries - in tonnes

| Third Country         | 1 January 1997 - 31 December 1997 |                 |                  |                                      | 1 January 1998 - 31 December 1998 |                 |                  |                                      | 1 January 1999 - 31 December 1999 |                 |                  |                                      | 1 January 2000 - 31 December 2000 |                 |                  |                                      | 1 January 2001 - 31 December 2001 |                 |                  |                                      | 1 January 2002 - 31 December 2002 |                 |                  |                                      | 1 January 2003 - 31 December 2003 |                 |                  |                                      | 1 January 2004 - 31 December 2004 |                 |                  |                                      |   |  |
|-----------------------|-----------------------------------|-----------------|------------------|--------------------------------------|-----------------------------------|-----------------|------------------|--------------------------------------|-----------------------------------|-----------------|------------------|--------------------------------------|-----------------------------------|-----------------|------------------|--------------------------------------|-----------------------------------|-----------------|------------------|--------------------------------------|-----------------------------------|-----------------|------------------|--------------------------------------|-----------------------------------|-----------------|------------------|--------------------------------------|-----------------------------------|-----------------|------------------|--------------------------------------|---|--|
|                       | Cones                             | Powders<br>=1:1 | Extracts<br>=3:5 | Equivalent<br>Total (1)<br>Hop cones | Cones                             | Powders<br>=1:1 | Extracts<br>=3:5 | Equivalent<br>Total (1)<br>Hop cones | Cones                             | Powders<br>=1:1 | Extracts<br>=3:5 | Equivalent<br>Total (1)<br>Hop cones | Cones                             | Powders<br>=1:1 | Extracts<br>=3:5 | Equivalent<br>Total (1)<br>Hop cones | Cones                             | Powders<br>=1:1 | Extracts<br>=3:5 | Equivalent<br>Total (1)<br>Hop cones | Cones                             | Powders<br>=1:1 | Extracts<br>=3:5 | Equivalent<br>Total (1)<br>Hop cones | Cones                             | Powders<br>=1:1 | Extracts<br>=3:5 | Equivalent<br>Total (1)<br>Hop cones | Cones                             | Powders<br>=1:1 | Extracts<br>=3:5 | Equivalent<br>Total (1)<br>Hop cones |   |  |
| <b>CN</b>             | 12 10 10                          | 12 10 20        | 13 02 13         |                                      | 12 10 10                          | 12 10 20        | 13 02 13         |                                      | 12 10 10                          | 12 10 20        | 13 02 13         |                                      | 12 10 10                          | 12 10 20        | 13 02 13         |                                      | 12 10 10                          | 12 10 20        | 13 02 13         |                                      | 12 10 10                          | 12 10 20        | 13 02 13         |                                      | 12 10 10                          | 12 10 20        | 13 02 13         |                                      | 12 10 10                          | 12 10 20        | 13 02 13         |                                      |   |  |
| <b>United States</b>  |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |   |  |
| - Import              | 1 248                             | 1 085           | 1 191            | 6 608                                | 912                               | 1 144           | 1 191            | 6 337                                | 342                               | 1 114           | 1 239            | 5 905                                | 428                               | 1 171           | 1 422            | 6 692                                | 355                               | 1 037           | 1 298            | 6 037                                | 38                                | 1 214           | 1 037            | 5 002                                | 42                                | 910             | 1 207            | 5 266                                | 64                                | 1 499           | 1 317            | 6 321                                |   |  |
| - Export              | 2 553                             | 1 314           | 20               | 4 069                                | 2 656                             | 1 439           | 32               | 4 351                                | 4 080                             | 717             | 58               | 5 071                                | 3 776                             | 728             | 44               | 4 730                                | 2 926                             | 520             | 108              | 3 874                                | 2 595                             | 574             | 128              | 3 673                                | 2 170                             | 1 543           | 170              | 4 463                                | 422                               | 1 928           | 114              | 2 941                                |   |  |
| - Net                 | 1 305                             | 229             | -1 171           | -2 540                               | 1 744                             | 295             | -1 158           | -1 986                               | 3 737                             | -397            | -1 181           | -834                                 | 3 348                             | -443            | -1 378           | -1 962                               | 2 571                             | -517            | -1 190           | -2 163                               | 2 557                             | -640            | -923             | -1 376                               | 2 128                             | 633             | -1 036           | -803                                 | 359                               | 429             | -1 203           | -3 380                               |   |  |
| <b>Japan</b>          |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |   |  |
| - Import              |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |   |  |
| - Export              | 453                               | 3 438           | 63               | 4 455                                | 569                               | 2 743           | 33               | 3 702                                | 864                               | 2 348           | 13               | 3 494                                | 435                               | 2 613           | 11               | 3 347                                | 565                               | 2 216           | 4                | 3 017                                | 218                               | 2 157           | 40               | 2 732                                | 0                                 | 0               | 0                | 1                                    | 0                                 | 0               | 0                | 0                                    |   |  |
| - Net                 | 453                               | 3 438           | 63               | 4 455                                | 569                               | 2 743           | 33               | 3 702                                | 864                               | 2 348           | 13               | 3 493                                | 435                               | 2 613           | 11               | 3 347                                | 565                               | 2 216           | 4                | 3 017                                | 218                               | 2 157           | 40               | 2 732                                | 0                                 | 1 816           | 62               | 2 213                                | 1                                 | 1 306           | 84               | 1 730                                |   |  |
| <b>Czech Republic</b> |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |   |  |
| - Import              | 2 285                             | 319             | 2                | 2 643                                | 2 064                             | 464             | 0                | 2 575                                | 1 719                             | 335             | 0                | 2 087                                | 1 151                             | 214             | 1                | 1 388                                | 1 742                             | 172             | 6                | 1 953                                | 1 986                             | 367             | 0                | 2 390                                | 1 748                             | 342             | 0                | 2 125                                | 1 488                             | 444             | 0                | 1 977                                |   |  |
| - Export              | 48                                | 160             | 147              | 739                                  | 170                               | 143             | 176              | 942                                  | 332                               | 247             | 103              | 964                                  | 432                               | 148             | 111              | 984                                  | 425                               | 360             | 81               | 1 104                                | 477                               | 67              | 113              | 945                                  | 523                               | 26              | 122              | 980                                  | 207                               | 137             | 167              | 941                                  |   |  |
| - Net                 | -2 237                            | -160            | 146              | -1 903                               | -1 894                            | -321            | 176              | -1 633                               | -1 386                            | -88             | 103              | -1 123                               | -719                              | -66             | 111              | -404                                 | -1 317                            | 188             | 75               | -849                                 | -1 508                            | -297            | 113              | -1 441                               | -1 226                            | -316            | 122              | -1 145                               | -1 280                            | -308            | 167              | -1 036                               |   |  |
| <b>Russia</b>         |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |   |  |
| - Import              | 0                                 | 8               | 0                | 9                                    |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |   |  |
| - Export              | 557                               | 985             | 61               | 1 852                                | 440                               | 1 474           | 85               | 2 357                                | 675                               | 2 175           | 140              | 3 557                                | 380                               | 2 058           | 109              | 3 026                                | 271                               | 2 198           | 137              | 3 169                                | 252                               | 2 546           | 199              | 3 749                                | 165                               | 3 092           | 153              | 4 102                                | 125                               | 2 458           | 180              | 3 458                                |   |  |
| - Net                 | 557                               | 977             | 61               | 1 843                                | 440                               | 1 474           | 85               | 2 357                                | 675                               | 2 175           | 140              | 3 557                                | 380                               | 2 058           | 109              | 3 026                                | 271                               | 2 198           | 137              | 3 169                                | 252                               | 2 531           | 199              | 3 733                                | 165                               | 3 092           | 153              | 4 102                                | 120                               | 2 458           | 180              | 3 453                                |   |  |
| <b>Slovenia</b>       |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |   |  |
| - Import              | 1 822                             | 110             | 0                | 1 943                                | 3 012                             | 135             | 8                | 3 187                                | 1 895                             | 101             | 0                | 2 006                                | 1 334                             | 107             | 0                | 1 451                                | 1 220                             | 93              | 0                | 1 323                                | 881                               | 99              | 0                | 989                                  | 1 501                             | 121             | 0                | 1 634                                | 821                               | 84              | 9                | 946                                  |   |  |
| - Export              | 10                                | 0               | 2                | 18                                   | 9                                 | 2               | 18               | 75                                   | 1                                 | 0               | 17               | 60                                   | 11                                | 11              | 34               | 143                                  | 14                                | 0               | 7                | 37                                   | 1                                 | 104             | 8                | 1                                    | 12                                | 4               | 18               | 37                                   | 1                                 | 13              | 81               |                                      |   |  |
| - Net                 | -1 811                            | -110            | 2                | -1 925                               | -3 003                            | -133            | 10               | -3 113                               | -1 894                            | -101            | 17               | -1 946                               | -1 323                            | -96             | 34               | -1 309                               | -1 207                            | -93             | 7                | -1 286                               | -880                              | 6               | 8                | -847                                 | -1 500                            | -119            | 4                | -1 616                               | -785                              | -83             | 3                | -865                                 |   |  |
| <b>Poland</b>         |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |   |  |
| - Import              | 1 348                             | 0               | 2                | 1 355                                | 792                               | 69              | 3                | 876                                  | 982                               | 29              | 1                | 1 018                                | 280                               | 0               | 0                | 280                                  | 473                               | 50              | 75               | 790                                  | 363                               | 20              | 0                | 385                                  | 166                               | 6               | 0                | 173                                  | 345                               | 40              | 0                | 390                                  |   |  |
| - Export              | 4                                 | 171             | 116              | 599                                  | 0                                 | 70              | 554              | 2 015                                | 9                                 | 65              | 142              | 578                                  | 0                                 | 86              | 59               | 300                                  | 0                                 | 65              | 84               | 364                                  | 0                                 | 63              | 53               | 254                                  | 88                                | 90              | 28               | 285                                  | 67                                | 220             | 295              | 1 340                                |   |  |
| - Net                 | -1 344                            | 171             | 114              | -756                                 | -792                              | 1               | 551              | 1 139                                | -974                              | 35              | 141              | -440                                 | -280                              | 86              | 59               | 20                                   | -473                              | 15              | 9                | -426                                 | -363                              | 43              | 53               | -131                                 | -78                               | 84              | 28               | 112                                  | -279                              | 179             | 295              | 949                                  |   |  |
| <b>Australia</b>      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |   |  |
| - Import              | 9                                 | 770             | 64               | 1 079                                | 0                                 | 499             | 41               | 692                                  | 15                                | 210             | 134              | 716                                  | 17                                | 531             | 106              | 972                                  | 49                                | 582             | 71               | 937                                  | 0                                 | 813             | 62               | 1 113                                | 0                                 | 239             | 70               | 509                                  | 57                                | 285             | 57               | 569                                  |   |  |
| - Export              | 0                                 | 1               | 17               | 60                                   | 0                                 | 33              | 7                | 59                                   | 0                                 | 38              | 0                | 82                                   | 0                                 | 25              | 15               | 81                                   | 0                                 | 25              | 15               | 81                                   | 0                                 | 67              | 45               | 231                                  | 1                                 | 43              | 37               | 177                                  | 0                                 | 80              | 23               | 145                                  |   |  |
| - Net                 | -9                                | -769            | -47              | -1 020                               | 0                                 | -465            | -34              | -632                                 | -15                               | -171            | -130             | -657                                 | -17                               | -449            | -75              | -773                                 | -49                               | -557            | -56              | -856                                 | 0                                 | -747            | -17              | -882                                 | 1                                 | -196            | -33              | -331                                 | -56                               | -226            | -34              | -424                                 |   |  |
| <b>South Africa</b>   |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |   |  |
| - Import              | 0                                 | 0               | 0                | 0                                    | 0                                 | 0               | 0                | 0                                    | 0                                 | 0               | 0                | 0                                    | 0                                 | 0               | 0                | 0                                    | 0                                 | 0               | 0                | 0                                    | 0                                 | 0               | 0                | 0                                    | 0                                 | 0               | 0                | 0                                    | 0                                 | 0               | 0                | 0                                    | 0 |  |
| - Export              | 0                                 | 318             | 110              | 733                                  | 0                                 | 369             | 121              | 828                                  | 0                                 | 121             | 133              | 600                                  | 0                                 | 122             | 58               | 336                                  | 0                                 | 129             | 35               | 263                                  | 0                                 | 161             | 46               | 336                                  | 0                                 | 354             | 2                | 398                                  | 0                                 | 126             | 15               | 189                                  |   |  |
| - Net                 | 0                                 | 318             | 110              | 733                                  | 0                                 | 369             | 121              | 828                                  | 0                                 | 121             | 130              | 598                                  | 0                                 | 122             | 58               | 336                                  | 0                                 | 129             | 35               | 263                                  | 0                                 | 161             | 46               | 336                                  | 0                                 | 354             | 2                | 398                                  | 0                                 | 126             | 15               | 189                                  |   |  |
| <b>Romania</b>        |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |   |  |
| - Import              | 82                                | 0               | 0                | 82                                   | 0                                 | 0               | 0                | 0                                    | 0                                 | 0               | 0                | 0                                    | 0                                 | 0               | 0                | 0                                    | 0                                 | 0               | 0                | 0                                    | 0                                 | 0               | 0                | 0                                    | 0                                 | 0               | 0                | 0                                    | 0                                 | 0               | 0                | 0                                    | 0 |  |
| - Export              | 1                                 | 175             | 52               | 375                                  | 12                                | 384             | 84               | 729                                  | 0                                 | 417             | 54               | 648                                  | 0                                 | 367             | 37               | 533                                  | 0                                 | 184             | 46               | 364                                  | 0                                 | 247             | 61               | 483                                  | 0                                 | 282             | 69               | 551                                  | 0                                 | 297             | 31               | 436                                  |   |  |
| - Net                 | -82                               | 175             | 52               | 293                                  | 12                                | 384             | 84               | 729                                  | 0                                 | 417             | 54               | 648                                  | 0                                 | 367             | 37               | 533                                  | 0                                 | 184             | 46               | 364                                  | 0                                 | 247             | 61               | 483                                  | 0                                 | 282             | 69               | 551                                  | 0                                 | 297             | 31               | 436                                  |   |  |
| <b>Brazil</b>         |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |   |  |
| - Import              |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |   |  |
| - Export              | 1                                 | 130             | 60               | 353                                  | 2                                 | 281             | 50               | 486                                  | 19                                | 165             | 126              | 642                                  | 1                                 | 376             | 53               | 600                                  | 0                                 | 283             | 52               | 493                                  | 0                                 | 403             | 29               | 546                                  | 0                                 | 570             | 61               | 840                                  | 0                                 | 710             | 17               | 842                                  |   |  |
| - Net                 | 1                                 | 130             | 60               | 353                                  | 2                                 | 281             | 50               | 486                                  | 19                                | 165             | 126              | 642                                  | 1                                 | 376             | 53               | 600                                  | 0                                 | 283             | 52               | 493                                  | 0                                 | 403             | 29               | 546                                  | 0                                 | 570             | 61               | 840                                  | 0                                 | 710             | 16               | 838                                  |   |  |
| <b>Viêt - Nam</b>     |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |   |  |
| - Import              |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |   |  |
| - Export              | 25                                | 201             | 23               | 327                                  | 207                               | 360             | 61               | 815                                  | 50                                | 247             | 47               | 485                                  | 85                                | 371             | 37               | 623                                  | 76                                | 389             | 43               | 652                                  | 84                                | 237             | 56               | 539                                  | 73                                | 335             | 59               | 647                                  | 44                                | 429             | 49               | 687                                  |   |  |
| - Net                 | 25                                | 201             | 23               | 327                                  | 207                               | 360             | 61               | 815                                  | 50                                | 247             | 47               | 485                                  | 85                                | 371             | 37               | 623                                  | 76                                | 389             | 43               | 652                                  | 84                                | 237</           |                  |                                      |                                   |                 |                  |                                      |                                   |                 |                  |                                      |   |  |

**TABLE 5**  
**Hops production and average prices obtained**  
**under contract and not under contract**  
**1982-2004**

| EU                    | Production                   |                                      |                          |                                  |                    |                            | Average prices                   |             |                              |             |  |
|-----------------------|------------------------------|--------------------------------------|--------------------------|----------------------------------|--------------------|----------------------------|----------------------------------|-------------|------------------------------|-------------|--|
|                       | 1                            | 2                                    | 3                        | 4                                | 5                  | 6                          | 7                                |             | 8                            |             |  |
|                       | Not under Contract<br>Tonnes | Not under Contract<br>%<br>1/(1+3+5) | Under Contract<br>Tonnes | Under Contract<br>%<br>3/(5+3+1) | Not sold<br>Tonnes | Not sold<br>%<br>5/(5+3+1) | Not under Contract<br>EURO/Tonne |             | Under Contract<br>EURO/Tonne |             |  |
| <b>A. 1982 - 2004</b> |                              |                                      |                          |                                  |                    |                            |                                  |             |                              |             |  |
| <b>1982</b>           | 18 190                       | 32%                                  | 38 157                   | 68%                              | n/a                | n/a                        | 1 304                            |             | 3 539                        |             |  |
| <b>1983</b>           | 11 177                       | 23%                                  | 37 207                   | 77%                              | n/a                | n/a                        | 1 837                            |             | 3 663                        |             |  |
| <b>1984</b>           | 9 774                        | 21%                                  | 36 433                   | 79%                              | n/a                | n/a                        | 1 392                            |             | 3 798                        |             |  |
| <b>1985</b>           | 8 667                        | 19%                                  | 35 906                   | 81%                              | n/a                | n/a                        | 1 847                            |             | 3 464                        |             |  |
| <b>1986</b>           | 10 111                       | 23%                                  | 33 397                   | 77%                              | n/a                | n/a                        | 1 254                            |             | 3 399                        |             |  |
| <b>1987</b>           | 8 093                        | 20%                                  | 31 718                   | 80%                              | n/a                | n/a                        | 2 468                            |             | 3 364                        |             |  |
| <b>1988</b>           | 5 952                        | 16%                                  | 31 613                   | 84%                              | 130                | 0%                         | 3 171                            |             | 3 396                        |             |  |
| <b>1989</b>           | 8 454                        | 21%                                  | 32 071                   | 79%                              | 70                 | 0%                         | 2 692                            |             | 3 286                        |             |  |
| <b>1990</b>           | 3 515                        | 10%                                  | 32 218                   | 90%                              | 17                 | 0%                         | 9 376                            |             | 3 332                        |             |  |
| <b>1991</b>           | 11 771                       | 26%                                  | 33 985                   | 74%                              | 89                 | 0%                         | 3 302                            |             | 3 337                        |             |  |
| <b>1992</b>           | 5 194                        | 14%                                  | 31 139                   | 85%                              | 135                | 0%                         | 3 363                            |             | 3 194                        |             |  |
| <b>1993</b>           | 19 543                       | 38%                                  | 31 982                   | 62%                              | 170                | 0%                         | 1 311                            |             | 3 166                        |             |  |
| <b>1994</b>           | 7 149                        | 19%                                  | 29 742                   | 80%                              | 148                | 0%                         | 2 460                            |             | 3 220                        |             |  |
| <b>1995</b>           | 7 491                        | 18%                                  | 34 293                   | 82%                              | 221                | 1%                         | 2 800                            |             | 3 940                        |             |  |
| <b>1996</b>           | 13 061                       | 28%                                  | 32 897                   | 70%                              | 1 345              | 3%                         | 1 960                            |             | 3 880                        |             |  |
| <b>1997</b>           | 10 852                       | 26%                                  | 29 986                   | 72%                              | 1 035              | 2%                         | 1 280                            |             | 4 040                        |             |  |
| <b>1998</b>           | 10 024                       | 27%                                  | 27 510                   | 73%                              | 260                | 1%                         | 1 840                            |             | 3 940                        |             |  |
| <b>1999</b>           | 8 661                        | 25%                                  | 25 825                   | 75%                              | 135                | 0%                         | 3 120                            |             | 3 820                        |             |  |
| <b>2000</b>           | 10 586                       | 29%                                  | 24 921                   | 69%                              | 400                | 1%                         | 5 400                            |             | 3 680                        |             |  |
| <b>2001</b>           | 7 042                        | 19%                                  | 23 639                   | 63%                              | 6 882              | 18%                        | 3 440                            |             | 3 700                        |             |  |
| <b>2002</b>           | 1 261                        | 3%                                   | 23 267                   | 61%                              | 13 853             | 36%                        | 2 909                            |             | 3 668                        |             |  |
| <b>2003</b>           | 6 652                        | 22%                                  | 23 736                   | 77%                              | 310                | 1%                         | 3 533                            |             | 3 532                        |             |  |
| <b>2004 (EU15)</b>    | 13 791                       | 36%                                  | 24 529                   | 64%                              | 96                 | 0%                         | 1 875                            |             | 3 731                        |             |  |
| <b>2004 (EU25)</b>    | 17 255                       | 34%                                  | 33 048                   | 66%                              | 96                 | 0%                         | 1 775                            |             | 3 751                        |             |  |
| <b>B. 2004</b>        |                              |                                      |                          |                                  |                    |                            | <b>2003</b>                      | <b>2004</b> | <b>2003</b>                  | <b>2004</b> |  |
| <b>EU25</b>           | <b>17 255</b>                | <b>34%</b>                           | <b>33 048</b>            | <b>66%</b>                       | <b>96</b>          | <b>0%</b>                  | <b>3533</b>                      | <b>2030</b> | <b>3532</b>                  | <b>3774</b> |  |
| <b>Belgium</b>        | 89                           | 30%                                  | 152                      | 52%                              | 53                 | 18%                        | 2951                             | 3763        | 3486                         | 4018        |  |
| <b>Czech Republic</b> | 703                          | 11%                                  | 5 608                    | 89%                              | -                  | -                          | -                                | 4227        | -                            | 4298        |  |
| <b>Germany</b>        | 13 153                       | 40%                                  | 20 054                   | 60%                              | (0)                | 0%                         | 3570                             | 1837        | 3371                         | 3639        |  |
| <b>Spain</b>          | 40                           | 3%                                   | 1 297                    | 97%                              | 0                  | 0%                         | 0                                | 0           | 3110                         | 3103        |  |
| <b>France</b>         | 143                          | 12%                                  | 1 006                    | 86%                              | 20                 | 2%                         | 3801                             | 3672        | 4632                         | 4550        |  |
| <b>Ireland</b>        | 0                            | -                                    | 0                        | -                                | 0                  | -                          | 0                                | 0           | 0                            | 0           |  |
| <b>Austria</b>        | 34                           | 11%                                  | 265                      | 89%                              | 0                  | 0%                         | 0                                | 4210        | 4502                         | 4539        |  |
| <b>Poland</b>         | 578                          | 20%                                  | 2 320                    | 80%                              | -                  | -                          | -                                | 3007        | -                            | 3027        |  |
| <b>Portugal</b>       | 0                            | 0%                                   | 38                       | 100%                             | 0                  | 0%                         | 0                                | 0           | 840                          | 420         |  |
| <b>Slovenia</b>       | 2 171                        | 90%                                  | 240                      | 10%                              | 0                  | 0%                         | -                                | -           | -                            | -           |  |
| <b>Slovakia</b>       | 12                           | 3%                                   | 351                      | 97%                              | 0                  | 0%                         | -                                | 3674        | -                            | 3699        |  |
| <b>United Kingdom</b> | 331                          | 16%                                  | 1 718                    | 83%                              | 23                 | 1%                         | 3169                             | 1905        | 4876                         | 4648        |  |

Source: Elaboration by DG AGRI, based on communications from Member States

TABLE 6 (page 1/5) : Member State Returns (EU15) - Hops 2004

| Group A/I         |                | SURFACE AREA IN HECTARES |        |        |             |                                    | PRODUCTION (TONNES) |                 |                  |          |          | RETURNS (EURO) |            |           | AVG. PRICE (EURO) / TONNE |          | RETURNS (EURO) ha |               |                 |
|-------------------|----------------|--------------------------|--------|--------|-------------|------------------------------------|---------------------|-----------------|------------------|----------|----------|----------------|------------|-----------|---------------------------|----------|-------------------|---------------|-----------------|
|                   |                | A                        | B      | C      | D           | E                                  | F                   | G               | G'               | H        | I        | J              | K          | L         | M                         | N        | O                 | P             | Q               |
| Aromatic Hops     | Variety Origin | Total                    | New    | New    | Previous to | Full production (B*0,4)+(C*0,65)+D | Production Tonnes   | Yield Tonnes/ha | Yield in % alpha | Contract | Spot'    | Not sold       | Contract   | Spot'     | Total                     | Contract | Spot'             | Total planted | Full Production |
|                   |                | B+C+D                    | 2004   | 2003   | 2003        |                                    |                     | F / A           |                  |          |          | F - (H+I)      | N * H      | O * I     | K + L + (J * 0,7 * O)     |          |                   | M / A         | M / E           |
| Aurora            | AT             | 24                       | 2,26   | 4,11   | 18,07       | 22                                 | 29,87               | 1,2             | 9,36%            | 23,87    | 6,00     | 0              | 103 835    | 25 500    | 129 335                   | 4 350    | 4 250             | 5 292         | 5 975           |
|                   | SI             | 887                      | 36,90  | 19,50  | 830,30      | 858                                | 1 571,20            | 1,8             | 0,00%            | 136,50   | 1 434,70 | 0              | 387 660    | 4 074 548 | 4 462 208                 | 2 840    | 2 840             | 5 032         | 5 202           |
|                   | EC             | 911                      | 39,16  | 23,61  | 848,37      | 879                                | 1 601,07            | 1,8             | 0,00%            | 160,37   | 1 440,70 | 0              | 491 495    | 4 100 048 | 4 591 543                 | 3 065    | 2 846             | 5 039         | 5 221           |
| Bobek             | SI EC          | 129                      | 0,40   | 0,00   | 128,90      | 129                                | 282,00              | 2,2             | 0,00%            | 0,00     | 282,00   | 0              |            | 846 000   | 846 000                   |          | 3 000             | 6 543         | 6 555           |
| Bor               | CZ EC          | 17                       | 0,00   | 8,00   | 9,00        | 14                                 | 20,00               | 1,2             | 7,92%            | 12,00    | 8,00     | 0              | 36 231     | 24 242    | 60 472                    | 3 019    | 3 030             | 3 557         | 4 259           |
| Bramling Cross    | UK EC          | 14                       | 2,92   | 0,00   | 10,73       | 12                                 | 19,78               | 1,4             | 5,87%            | 19,46    | 0,22     | 0              | 106 246    | 1 431     | 108 132                   | 5 460    | 6 506             | 7 922         | 9 088           |
| Céleia            | AT             | 34                       | 6,21   | 0,37   | 27,11       | 30                                 | 48,54               | 1,4             | 5,87%            | 48,54    |          | 0              | 234 934    |           | 234 934                   | 4 840    |                   | 6 973         | 7 875           |
|                   | SI             | 100                      | 17,80  | 2,90   | 79,50       | 89                                 | 152,00              | 1,5             |                  | 26,80    | 125,10   | 0              | 93 800     | 437 850   | 531 650                   | 3 500    | 3 500             | 5 306         | 6 007           |
|                   | EC             | 134                      | 24,01  | 3,27   | 106,61      | 118                                | 200,54              | 1,5             |                  | 75,34    | 125,10   | 0              | 328 734    | 437 850   | 766 584                   | 4 363    | 3 500             | 5 725         | 6 478           |
| Cerera            | SI EC          | 25                       | 0,00   | 0,00   | 24,90       | 25                                 | 36,00               | 1,4             | 0,00%            | 0,00     | 36,00    | 0              |            |           |                           |          |                   |               |                 |
| Challenger        | BE             | 16                       | 0,44   | 0,00   | 15,75       | 16                                 | 18,83               | 1,2             | 5,49%            | 10,50    | 8,33     | 0              | 42 105     | 45 982    | 88 087                    | 4 010    | 5 520             | 5 441         | 5 531           |
|                   | FR             | 6                        | 0,20   |        | 5,57        | 6                                  | 8,69                | 1,5             | 7,00%            | 8,33     | 0,35     | 0              | 32 844     | 350       | 32 844                    | 3 900    | 1 000             | 5 692         | 5 813           |
|                   | UK EC          | 90                       | 0,00   | 0,00   | 89,90       | 90                                 | 153,50              | 1,7             | 6,94%            | 132,46   | 15,74    | 5              | 738 179    | 82 596    | 840 243                   | 5 573    | 5 248             | 9 346         | 9 346           |
|                   |                | 112                      | 0,64   | 0,00   | 111,22      | 111                                | 181,02              | 1,6             | 6,79%            | 151,29   | 24,42    | 5              | 812 771    | 128 928   | 961 323                   | 5 372    | 5 280             | 8 594         | 8 624           |
| Cicero            | AT EC          | 22                       |        |        | 21,93       | 22                                 | 32,32               | 1,5             | 6,51%            | 32,32    |          | 0              | 156 106    |           | 156 106                   | 4 830    |                   | 7 118         | 7 118           |
| First Gold        | SI             | 1                        | 0,00   | 0,00   | 0,63        | 1                                  | 0,00                | 0,0             |                  | 0,00     | 0,00     | 0              |            |           |                           |          |                   |               |                 |
|                   | BE             | 2                        | 0,85   | 0,00   | 1,13        | 1                                  | 0,24                | 0,0             | 0,00%            | 0,00     | 0,07     | 0              |            | 1 228     | 3 315                     |          | 17 540            | 1 671         | 2 253           |
|                   | FR             | 0,1                      | 0,00   | 0,00   | 0,08        | 0,1                                | 0,08                | 1,0             | 8,00%            |          |          | 0,1            |            |           |                           |          |                   |               |                 |
|                   | UK EC          | 177                      | 10,76  | 2,54   | 163,73      | 170                                | 176,81              | 1,0             | 8,77%            | 176,81   | 0,00     | 0              | 527 679    |           | 527 679                   | 2 984    |                   | 2 981         | 3 110           |
|                   |                | 179                      | 11,61  | 2,54   | 164,94      | 171                                | 177,13              | 1,0             | 8,76%            | 176,81   | 0,07     | 0              | 527 679    | 1 228     | 531 976                   | 2 984    | 17 540            | 2 970         | 3 107           |
| Fuggles           | BE             | 3                        | 1,08   | 0,37   | 1,20        | 2                                  | 0,76                | 0,3             | 0,00%            | 0,00     | 0,76     | 0              |            | 9 310     |                           |          | 12 250            | 3 513         | 4 972           |
|                   | UK EC          | 169                      | 0,00   | 9,00   | 160,04      | 166                                | 259,19              | 1,5             | 4,96%            | 251,62   | 6,42     | 1              | 1 462 741  | 38 139    | 1 505 662                 | 5 813    | 5 941             | 8 907         | 9 076           |
|                   |                | 172                      | 1,08   | 9,37   | 161,24      | 168                                | 259,95              | 1,5             | 4,95%            | 251,62   | 7,18     | 1              | 1 462 741  | 47 449    | 1 515 510                 | 5 813    | 6 608             | 8 827         | 9 034           |
| Goldings          | BE             | 9                        | 1,90   | 0,60   | 6,40        | 8                                  | 9,11                | 1,0             | 0,00%            | 0,00     | 8,71     | 0              |            | 58 967    | 60 862                    |          | 6 770             | 6 838         | 8 061           |
|                   | AT             | 18                       | 0,00   | 0,00   | 18,21       | 18                                 | 26,55               | 1,5             | 5,39%            | 22,55    | 4,00     | 0              | 113 652    | 16 600    | 130 252                   | 5 040    | 4 150             | 7 153         | 7 153           |
|                   | UK             | 251                      | 1,60   | 1,00   | 248,85      | 250                                | 465,45              | 1,9             | 5,79%            | 456,06   | 7,99     | 1              | 2 651 212  | 48 595    | 2 705 767                 | 5 813    | 6 082             | 10 761        | 10 817          |
|                   | SI EC          | 177                      | 8,40   | 23,20  | 145,80      | 164                                | 291,00              | 1,6             | 0,00%            | 77,00    | 214,00   | 0              | 218 680    | 607 760   | 826 440                   | 2 840    | 2 840             | 4 659         | 5 032           |
|                   |                | 279                      | 3,50   | 1,60   | 273,46      | 276                                | 501,11              | 1,8             | 5,66%            | 478,61   | 20,70    | 2              | 2 764 864  | 124 162   | 2 896 583                 | 5 777    | 5 998             | 10 398        | 10 499          |
| Hallertauer       | BE             | 4                        | 0,00   | 0,00   | 4,38        | 4                                  | 4,96                | 1,1             | 0,00%            | 0,00     | 4,96     | 0              |            | 29 214    | 29 214                    |          | 5 890             | 6 670         | 6 670           |
|                   | DE EC          | 1 970                    | 102,00 | 493,00 | 1 375,00    | 1 736                              | 2 771,42            | 1,4             | 4,39%            | 2 294,68 | 476,74   | (0)            | 11 565 182 | 1 611 388 | 13 176 570                | 5 040    | 3 380             | 6 689         | 7 589           |
|                   |                | 1 974                    | 102,00 | 493,00 | 1 379,38    | 1 741                              | 2 776,38            | 1,4             | 4,38%            | 2 294,68 | 481,70   | (0)            | 11 565 182 | 1 640 602 | 13 205 785                | 5 040    | 3 406             | 6 689         | 7 587           |
| Hallert.Tradition | DE             | 1 958                    | 241,00 | 42,00  | 1 675,00    | 1 799                              | 3 470,98            | 1,8             | 6,20%            | 2 847,03 | 623,95   | 0              | 9 679 909  | 2 233 734 | 11 913 643                | 3 400    | 3 580             | 6 085         | 6 623           |
|                   | FR             | 50                       | 35,92  | 0,00   | 14,36       | 29                                 | 25,80               | 0,5             | 4,96%            | 16,20    | 9,60     | 0              | 66 258     | 22 368    | 88 626                    | 4 090    | 2 330             | 1 763         | 3 085           |
|                   | AT EC          | 10                       | 2,14   | 0,00   | 8,33        | 9                                  | 15,00               | 1,4             | 6,80%            | 12,00    | 3,00     | 0              | 50 400     | 12 750    | 63 150                    | 4 200    | 4 250             | 6 032         | 6 875           |
|                   |                | 2 019                    | 279,06 | 42,00  | 1 697,69    | 1 837                              | 3 511,78            | 1,7             | 6,19%            | 2 875,23 | 636,55   | 0              | 9 796 567  | 2 268 852 | 12 065 419                | 3 407    | 3 564             | 5 977         | 6 569           |
| Hersbrucker Spät  | DE             | 1 196                    | 7,00   | 7,00   | 1 182,00    | 1 189                              | 2 031,88            | 1,7             | 2,79%            | 1 200,41 | 831,47   | 0              | 3 661 257  | 1 812 600 | 5 473 857                 | 3 050    | 2 180             | 4 577         | 4 602           |
|                   | AT EC          | 5                        | 0,00   | 0,00   | 4,65        | 5                                  | 6,00                | 1,3             | 4,20%            | 3,00     | 3,00     | 0              | 12 600     | 12 600    | 25 200                    | 4 200    | 4 200             | 5 419         | 5 419           |
|                   |                | 1 201                    | 7,00   | 7,00   | 1 186,65    | 1 194                              | 2 037,88            | 1,7             | 2,79%            | 1 203,41 | 834,47   | 0              | 3 673 857  | 1 825 200 | 5 499 057                 | 3 053    | 2 187             | 4 580         | 4 606           |
| Hueller           | DE EC          | 2                        | 0,00   | 0,00   | 2,00        | 2                                  | 3,64                | 1,8             | 6,60%            | 2,48     | 1,16     | (0)            | 9 432      | 1 160     | 10 592                    | 3 800    | 1 000             | 5 296         | 5 296           |
| Lomik             | PL EC          | 49                       | 0,74   | 0,00   | 48,62       | 49                                 | 49,40               | 1,0             | 4,09%            | 34,40    | 15,00    | 0              | 102 512    | 44 250    | 146 762                   | 2 980    | 2 950             | 2 973         | 3 000           |
| Lubelski          | PL EC          | 792                      | 1,79   | 0,95   | 789,47      | 791                                | 1 100,50            | 1,4             | 3,95%            | 732,40   | 368,10   | 0              | 2 197 200  | 1 100 619 | 3 297 819                 | 3 000    | 2 990             | 4 163         | 4 170           |
| Malling           | AT EC          | 36                       | 0,55   | 0,00   | 35,91       | 36                                 | 51,00               | 1,4             | 8,00%            | 40,00    | 11,00    | 0              | 168 000    | 46 200    | 214 200                   | 4 200    | 4 200             | 5 875         | 5 929           |

**TABLE 6 (page 2/5) : Member State Returns (EUR15) - Hops 2004**

| Group A/I<br>(contd.) |        | SURFACE AREA IN HECTARES |        |       |                | PRODUCTION (TONNES)                               |                      |                    |                        |          |          | RETURNS (EURO) |            |            | AVG. PRICE (EURO)<br>/ TONNE |          | RETURNS (EURO)<br>ha |                  |                    |
|-----------------------|--------|--------------------------|--------|-------|----------------|---|----------------------|--------------------|------------------------|----------|----------|----------------|------------|------------|------------------------------|----------|----------------------|------------------|--------------------|
|                       |        | A                        | B      | C     |                | E   | F                    | G                  | G'                     | H        | I        | J              | K          | L          | M                            | N        | O                    | P                | Q                  |
| Aromatic<br>Hops      |        | Total                    | New    | New   | Previous<br>to | Full<br>production<br>(B*0,4)+<br>(C*0,65)<br>+ D | Production<br>Tonnes | Yield<br>Tonnes/ha | Yield<br>in<br>% alpha | Contract | Spot'    | Not sold       | Contract   | Spot'      | Total                        | Contract | Spot'                | Total<br>planted | Full<br>Production |
| Variety               | Origin | B+C+D                    | 2004   | 2003  | 2003           |   |                      | F / A              |                        |          |          | F - (H+I)      | N * H      | O * I      | K + L +<br>(J * 0,7 * O)     |          |                      | M / A            | M / E              |
| Perle                 | DE     | 2 839                    | 120,00 | 40,00 | 2 679,00       | 2 753   | 5 315,10             | 1,9                | 6,39%                  | 3 952,59 | 1 362,52 | 0              | 13 913 106 | 5 000 437  | 18 913 544                   | 3 520    | 3 670                | 6 662            | 6 870              |
|                       | AT     | 42                       | 0,00   | 0,00  | 42,40          | 42  | 64,00                | 1,5                | 7,80%                  | 60,00    | 4,00     | 0              | 258 000    | 16 800     | 274 800                      | 4 300    | 4 200                | 6 481            | 6 481              |
|                       | PL     | 10                       | 5,83   | 0,00  | 4,13           | 6   | 8,10                 | 0,8                | 3,83%                  | 8,10     | 0,00     | 0              | 26 325     |            | 26 325                       | 3 250    |                      | 2 643            | 4 074              |
|                       | CE     | 2 881                    | 120,00 | 40,00 | 2 721,40       | 2 795   | 5 379,10             | 1,9                | 6,41%                  | 4 012,59 | 1 366,52 | 0              | 14 171 106 | 5 017 237  | 19 188 344                   | 3 532    | 3 672                | 6 659            | 6 864              |
| Phoenix               | UK     | 53                       | 0,00   | 1,00  | 51,86          | 53  | 68,35                | 1,3                | 11,89%                 | 34,72    | 33,63    | 0              | 82 994     | 47 092     | 130 086                      | 2 390    | 1 400                | 2 461            | 2 477              |
|                       | BE     | 1                        | 0,00   | 0,00  | 1,10           | 1   |                      |                    |                        |          |          |                |            |            |                              |          |                      |                  |                    |
|                       | CE     | 54                       | 0,00   | 1,00  | 52,96          | 54  | 68,35                | 1,3                | 11,89%                 | 34,72    | 33,63    | 0              | 82 994     | 47 092     | 130 086                      | 2 390    | 1 400                | 2 461            | 2 477              |
| Pilot                 | UK     | 36                       | 7,42   | 8,40  | 19,91          | 28  | 18,35                | 0,5                | 9,46%                  | 14,52    | 3,83     | 0,0            | 38 200     | 5 146      | 43 346                       | 2 631    | 1 344                | 1 213            | 1 530              |
| Pioneer               | UK     | 3                        | 1,25   | 0,00  | 1,70           | 2   | 6,20                 | 2,1                | 9,23%                  | 6,00     | 0,00     | 0,2            | 25 460     |            | 25 460                       | 4 243    |                      | 8 630            | 11 573             |
| Premiant              | CZ     | 151                      | 2,00   | 16,00 | 133,00         | 144   | 305,00               | 2,0                | 9,80%                  | 276,00   | 29,00    | 0,0            | 889 053    | 85 010     | 974 063                      | 3 221    | 2 931                | 6 451            | 6 755              |
| Progress              | UK     | 28                       | 0,25   | 0,00  | 27,40          | 28  | 38,15                | 1,4                | 4,00%                  | 36,82    | 0,53     | 1              | 208 838    | 2 999      | 215 005                      | 5 672    | 5 658                | 7 776            | 7 818              |
| Saaz                  | BE     | 1                        | 0,00   | 0,30  | 0,35           | 1   | 0,76                 | 1,2                | 0,00%                  | 0,00     | 0,76     | 0              | 0          | 4 872      | 4 872                        |          | 6 410                | 7 495            |                    |
|                       | CZ     | 5 407                    | 204,00 | 73,00 | 5 130,00       | 5 259   | 5 519,00             | 1,0                | 4,10%                  | 4 904,00 | 615,00   | 0              | 21 873 769 | 2 714 337  | 24 588 106                   | 4 460    | 4 414                | 4 547            | 4 675              |
|                       | SK     | 322                      | 0,00   | 0,00  | 322,00         | 322   | 363,00               | 1,1                | 4,00%                  | 351,00   | 12,00    | 0              | 1 298 487  | 44 082     | 1 342 569                    | 3 699    | 3 674                | 4 169            | 4 169              |
|                       | CE     | 5 730                    | 204,00 | 73,30 | 5 452,35       | 5 582   | 5 882,76             | 1,0                | 0,00%                  | 5 255,00 | 627,76   | 0              | 23 172 255 | 2 763 291  | 25 935 547                   | 4 410    | 4 402                | 4 527            | 4 647              |
| Sladek                | CZ     | 195                      | 35,00  | 0,00  | 160,00         | 174   | 378,00               | 1,9                | 5,80%                  | 339,00   | 39,00    | 0              | 1 045 651  | 113 040    | 1 158 691                    | 3 085    | 2 898                | 5 942            | 6 659              |
| Spalter               | DE     | 102                      | 1,00   | 0,00  | 101,00         | 101   | 116,71               | 1,1                | 4,60%                  | 99,08    | 17,62    | (0)            | 504 338    | 73 312     | 577 649                      | 5 090    | 4 160                | 5 663            | 5 697              |
| Spalter Select        | DE     | 850                      | 9,00   | 1,00  | 840,00         | 844   | 1 622,51             | 1,9                | 4,76%                  | 1 297,18 | 325,33   | 0              | 4 112 054  | 1 086 596  | 5 198 650                    | 3 170    | 3 340                | 6 116            | 6 158              |
|                       | AT     | 4                        | 0,00   | 0,00  | 4,17           | 4   | 6,00                 | 1,4                | 5,90%                  | 3,00     | 3,00     | 0              | 12 600     | 12 750     | 25 350                       | 4 200    | 4 250                | 6 079            | 6 079              |
|                       | CE     | 854                      | 9,00   | 1,00  | 844,17         | 848   | 1 628,51             | 1,9                | 4,76%                  | 1 300,18 | 328,33   | 0              | 4 124 654  | 1 099 346  | 5 224 000                    | 3 172    | 0                    | 6 116            | 6 157              |
| Strisselspalt         | FR     | 687                      | 13,07  | 22,29 | 651,93         | 672   | 1 073,75             | 1,6                | 1,49%                  | 974,40   | 98,28    | 1              | 4 453 008  | 441 277    | 4 897 648                    | 4 570    | 4 490                | 7 126            | 7 292              |
| Tettnanger            | DE     | 790                      | 11,00  | 6,00  | 773,00         | 781   | 1 116,43             | 1,4                | 4,57%                  | 657,73   | 458,70   | 0              | 2 670 384  | 1 376 100  | 4 046 484                    | 4 060    | 3 000                | 5 122            | 5 179              |
| Saphir                | DE     | 183                      | 54,00  | 67,00 | 62,00          | 127   | 243,51               | 1,3                | 3,61%                  | 126,09   | 117,42   | 0              | 442 572    | 355 786    | 798 358                      | 3 510    | 3 030                | 4 363            | 6 279              |
| WGV                   | BE     | 1                        | 0,00   | 0,00  | 1,00           | 1   | 1,03                 | 1,0                | 0,00%                  | 0,00     | 1,03     | 0              | 0          | 5 418      | 5 418                        | 0        | 5 260                | 5 418            |                    |
|                       | UK     | 20                       | 0,00   | 0,00  | 20,05          | 20  | 39,25                | 2,0                | 6,84%                  | 38,85    | 0,40     | 0              | 224 198    | 2 314      | 226 512                      | 5 771    | 5 785                | 11 297           | 11 297             |
|                       | CE     | 21                       | 0,00   | 0,00  | 21,05          | 21  | 40,28                | 1,9                | 6,67%                  | 38,85    | 1,43     | 0              | 224 198    | 7 732      | 231 930                      | 5 771    | 5 407                | 11 018           | 11 018             |
| Zatecki               | PL     | 2                        | 0,00   | 0,00  | 2,40           | 2   | 2,60                 | 1,1                | 3,85%                  | 0,00     | 2,60     | 0              |            | 6 552      | 6 552                        |          | 2 520                | 2 730            |                    |
| <b>TOTAL</b>          | BE     | 37                       | 4      | 1     | 31             | 34  | 35,69                | 1,0                | 2,90%                  | 10,50    | 24,62    | 1              | 42 105     | 154 990    | 199 607                      | 4 010    | 6 295                | 5 416            | 5 898              |
|                       | CZ     | 5 770                    | 241    | 97    | 5 432          | 5 591   | 6 222                | 1,1                | 4,49%                  | 5 531    | 691      | 0              | 23 844 703 | 2 936 629  | 26 781 332                   | 4 311    | 4 250                | 4 641            | 4 790              |
|                       | DE     | 9 890                    | 545    | 656   | 8 689          | 9 333   | 16 692,18            | 1,7                | 5,25%                  | 12 477   | 4 215    | 0              | 46 558 233 | 13 551 112 | 60 109 346                   | 3 731    | 3 215                | 6 078            | 6 440              |
|                       | FR     | 743                      | 49     | 22    | 672            | 706   | 1 108,32             | 1,5                | 1,61%                  | 999      | 108      | 1              | 4 551 753  | 463 995    | 5 019 229                    | 4 557    | 4 287                | 6 752            | 7 108              |
|                       | AT     | 196                      | 11     | 4     | 181            | 188   | 279,28               | 1,4                | 7,12%                  | 245      | 34       | 0              | 1 110 126  | 143 200    | 1 253 326                    | 4 526    |                      | 6 381            | 6 661              |
|                       | PL     | 854                      | 8      | 1     | 845            | 849   | 1 161                | 1,4                | 3,95%                  | 775      | 386      | 0              | 2 326 037  | 1 151 421  | 3 477 458                    | 3 002    | 2 985                | 4 072            | 4 098              |
|                       | SI     | 1 319                    | 64     | 46    | 1 210          | 1 265   | 2 332                | 1,8                |                        | 240      | 2 092    | 0              |            |            |                              |          |                      |                  |                    |
|                       | SK     | 322                      | 0      | 0     | 322            | 322   | 363                  | 1                  |                        | 351      | 12       | 0              | 1 298 487  | 44 082     | 1 342 569                    | 3 699    | 3 674                | 4 169            | 4 169              |
|                       | UK     | 840                      | 24     | 22    | 794            | 818   | 1 245,03             | 1,5                | 6,57%                  | 1 167    | 69       | 9              | 6 065 746  | 228 312    | 6 314 860                    | 5 196    | 3 320                | 7 515            | 7 719              |
|                       | CE     | 19 972                   | 947    | 850   | 18 176         | 19 107  | 29 438,30            | 1,5                | 4,49%                  | 21 797   | 7 631    | 11             | 85 797 189 | 18 673 742 | 104 496 370                  | 3 980    | 3 371                | 5 232            | 5 469              |



**TABLE 6 (page 3/5) : Member State Returns (EUR15) - Hops 2004**

| Group B/II    |        | SURFACE AREA IN HECTARES |        |        |             | PRODUCTION (TONNES) |            |           |          |          |          | RETURNS (EURO) |            |           | AVG. PRICE (EURO) / TONNE |          | RETURNS (EURO) ha |        |        |
|---------------|--------|--------------------------|--------|--------|-------------|---------------------|------------|-----------|----------|----------|----------|----------------|------------|-----------|---------------------------|----------|-------------------|--------|--------|
|               |        | A                        | B      | C      | E           | F                   | G          | G'        | H        | I        | J        | K              | L          | M         | N                         | O        | P                 | Q      |        |
| Bitter Hops   |        | Total                    | New    | New    | Previous to | Full production     | Production | Yield     | Yield in | Contract | Spot'    | Not sold       | Contract   | Spot'     | Total                     | Contract | Spot'             | Total  | Full   |
| Variety       | Origin | B+C+D                    | 2004   | 2003   | 2003        | (B*0,4)+(C*0,65)+D  | Tonnes     | Tonnes/ha | % alpha  |          |          | F - (H+I)      | N * H      | O * I     | K + L + (J * 0,7 * O)     |          |                   | M / A  | M / E  |
| Admiral       | BE     | 4                        | 0,85   | 0,00   | 3,23        | 4                   | 4,57       | 1,1       | 14,74%   | 2,74     | 1,83     | 0              | 16 084     | 9 626     | 25 710                    | 5 870    | 5 260             | 6 301  | 7 202  |
|               | FR     | 0,1                      | 0,00   | 0,00   | 0,06        | 0,1                 | 0,21       | 3,5       | 12,50%   |          | 0,21     | 0              |            | 420       | 420                       |          | 2 000             | 7 000  | 7 000  |
|               | UK     | 77                       | 3,00   | 10,00  | 64,37       | 72                  | 149,40     | 1,9       | 14,39%   | 101,25   | 46,65    | 2              | 378 076    | 87 098    | 467 134                   | 3 734    | 1 867             | 6 038  | 6 482  |
|               | CE     | 82                       | 3,85   | 10,00  | 67,66       | 76                  | 154,18     | 1,9       | 14,40%   | 103,99   | 48,69    | 2              | 394 160    | 97 143    | 493 398                   | 3 790    | 1 995             | 6 053  | 6 518  |
| Agnus         | CZ     | 52                       | 34,00  | 10,00  | 8,00        | 28                  | 69,00      | 1,3       | 12,90%   | 69,00    | 0,00     | 0              | 236 567    |           | 236 567                   | 3 429    | 2 898             | 4 549  | 8 419  |
| Brewer's Gold | BE     | 0,0                      | 0,00   | 0,00   | 0,00        | 0                   | 0,44       |           | 5,08%    | 0,00     | 0,44     | 0              |            | 1 082     |                           |          | 2 460             |        |        |
|               | DE     | 39                       | 0,00   | 0,00   | 39,00       | 39                  | 89,47      | 2,3       | 6,79%    | 33,84    | 55,63    | 0              | 86 638     | 111 254   | 197 892                   | 2 560    | 2 000             | 5 074  | 5 074  |
|               | FR     | 3                        | 0,66   | 0,00   | 2,09        | 2                   | 4,49       | 1,6       | 5,12%    |          | 4,49     | 0              |            | 12 437    | 12 437                    |          | 2 770             | 4 523  | 5 283  |
|               | PL     | 0                        | 0,00   | 0,00   | 0,05        | 0                   | 0,03       | 0,6       | 0,00%    | 0,00     | 0,03     | 0              |            | 75        | 75                        |          | 2 500             | 1 500  | 1 500  |
|               | CE     | 42                       | 0,66   | 0,00   | 41,09       | 41                  | 94,40      | 2,3       | 6,68%    | 33,84    | 60,56    | (0)            | 86 638     | 124 774   | 211 412                   | 2 560    | 2 060             | 5 064  | 5 112  |
| Columbus      | DE     | 11                       | 0,00   | 0,00   | 11,00       | 11                  | 27,18      | 2,5       | 12,33%   | 27,18    |          | 0              | 80 996     | 0         | 80 996                    | 2 980    | 0                 | 7 363  | 7 363  |
|               | FR     | 9                        | 4,78   | 0,75   | 3,18        | 6                   | 7,90       | 0,9       | 11,30%   |          | 1,80     | 6              | 0          | 4 410     | 14 872                    | 0        | 2 450             | 1 707  | 2 665  |
|               | CE     | 20                       | 4,78   | 0,75   | 14,18       | 17                  | 35,08      | 1,8       | 12,10%   | 27,18    | 1,80     | 6              | 80 996     | 4 410     | 95 868                    | 2 980    | 2 450             | 4 864  | 5 782  |
| Hallertauer   | BE     | 25                       | 0,71   | 0,77   | 23,32       | 24                  | 40,12      | 1,6       | 11,80%   | 34,18    | 5,94     | 0              | 176 711    | 27 443    | 204 153                   | 5 170    | 4 620             | 8 232  | 8 470  |
| Magnum        | DE     | 4 869                    | 114,00 | 220,00 | 4 535,00    | 4 724               | 10 904,22  | 2,2       | 14,46%   | 4 675,54 | 6 228,68 | 0              | 16 457 904 | 6 913 836 | 23 371 740                | 3 520    | 1 110             | 4 800  | 4 948  |
|               | ES     | 6                        | 0,00   | 0,00   | 6,13        | 6                   | 12,33      | 2,0       | 12,80%   | 12,33    | 0,00     | 0              | 42 539     | 0         | 42 539                    | 3 450    | 0                 | 6 939  | 6 939  |
|               | FR     | 14                       | 0,90   | 4,04   | 9,37        | 12                  | 15,67      | 1,2       | 12,26%   | 2,00     | 13,67    | 0              | 0          | 9 720     | 31 729                    | 4 860    | 1 610             | 2 217  | 2 568  |
|               | AT     | 11                       | 1,72   | 0,00   | 9,14        | 10                  | 20,00      | 1,8       | 16,50%   | 20,00    |          | 0              | 94 000     | 0         | 94 000                    | 4 700    | 0                 | 8 656  | 9 565  |
|               | UK     | 4                        | 0,00   | 0,00   | 4,00        | 4                   | 9,60       | 2,4       | 11,93%   | 9,51     | 0,09     | 0              | 55 150     | 183       | 55 333                    | 5 799    | 2 037             | 13 833 | 13 833 |
|               | PL     | 305                      | 34,03  | 59,40  | 211,93      | 264                 | 337,34     | 1,1       | 13,34%   | 262,13   | 75,21    | 0              | 775 905    | 227 134   | 1 003 039                 | 2 960    | 3 020             | 3 285  | 3 797  |
|               | SI     | 73                       | 0,00   | 0,40   | 72,90       | 73                  | 75,00      | 1,0       | 0,00%    | 0,00     | 75,00    | 0              | 0          | 0         | 75,00                     | 0        | 0                 | 0      | 0      |
|               | CE     | 4 929                    | 117,33 | 224,81 | 4 586,96    | 4 780               | 11 001,94  | 2,2       | 14,45%   | 4 753,56 | 6 248,38 | 0              | 16 836 023 | 6 963 471 | 23 799 494                | 3 542    | 1 114             | 4 828  | 4 979  |
| Hallertauer   | DE     | 200                      | 18,00  | 50,00  | 132,00      | 172                 | 354,32     | 1,8       | 13,37%   | 99,11    | 255,20   | 0              | 14 173     | 260 308   | 274 481                   | 143      | 1 020             | 1 372  | 1 599  |
| Merkur        | BE     | 6                        | 0,17   | 1,11   | 4,33        | 5                   | 6,35       | 1,1       | 13,00%   | 0,00     | 5,65     | 1              | 0          | 7 232     | 7 859                     | 0        | 1 280             | 1 401  | 1 535  |
|               | UK     | 1                        | 0,00   | 0,00   | 1,00        | 1                   | 2,05       | 2,1       | 13,90%   | 0,00     | 2,05     | 0              | 0          | 2 581     | 2 581                     | 0        | 1 259             | 2 581  | 2 581  |
|               | SI     | 2                        | 0,00   | 0,00   | 2,20        | 2                   | 3,00       | 1,4       | 0,00%    | 0,00     | 3,00     | 0              | 0          | 0         | 0                         | 0        | 0                 | 0      | 0      |
|               | CE     | 207                      | 18,17  | 51,11  | 137,33      | 178                 | 362,72     | 1,8       | 13,37%   | 99,11    | 262,90   | 1              | 14 173     | 270 121   | 284 797                   | 143      | 1 027             | 1 378  | 1 602  |
| Hallertauer   | DE     | 1 271                    | 24,00  | 69,00  | 1 178,00    | 1 232               | 2 707,77   | 2,1       | 16,12%   | 1 454,22 | 1 253,55 | 0              | 5 656 927  | 1 642 151 | 7 299 078                 | 3 890    | 1 310             | 5 743  | 5 922  |
| Taurus        | FR     | 0                        | 0,00   | 0,00   | 0,14        | 0                   | 0,20       | 1,4       | 10,64%   |          |          | 0              | 0          | 0         | 0                         | 0        | 0                 | 0      | 0      |
|               | SI     | 3                        | 0,30   | 1,40   | 1,70        | 3                   | 2,00       | 0,6       | 0,00%    | 0,00     | 2,00     | 0              | 0          | 0         | 0                         | 0        | 0                 | 0      | 0      |
|               | CE     | 1 271                    | 24,00  | 69,00  | 1 178,14    | 1 233               | 2 707,97   | 2,1       | 16,12%   | 1 454,22 | 1 253,55 | 0              | 5 656 927  | 1 642 151 | 7 299 261                 | 3 890    | 1 310             | 5 742  | 5 922  |
| Herald        | UK     | 56                       | 0,00   | 0,00   | 55,65       | 56                  | 50,45      | 0,9       | 12,05%   | 39,05    | 11,40    | 0              | 138 083    | 29 024    | 167 107                   | 3 536    | 2 546             | 3 003  | 3 003  |
| Izabella      | PL     | 27                       | 0,00   | 0,00   | 26,97       | 27                  | 25,60      | 0,9       | 7,23%    | 25,60    | 0,00     | 0              | 73 984     | 0         | 73 984                    | 2 890    | 0                 | 2 743  | 2 743  |
| Junga         | PL     | 3                        | 2,56   | 0,00   | 0,00        | 1                   | 1,41       | 0,6       | 11,35%   | 1,15     | 0,26     | 0              | 3 623      | 819       | 4 442                     | 3 150    | 3 150             | 1 735  | 4 337  |
| Marynka       | PL     | 1 033                    | 74,72  | 56,38  | 901,48      | 968                 | 1 352,50   | 1,3       | 8,92%    | 1 236,18 | 116,32   | 0              | 3 795 073  | 357 102   | 4 152 175                 | 3 070    | 3 070             | 4 021  | 4 289  |
| Northdown     | UK     | 33                       | 1,85   | 0,00   | 30,98       | 32                  | 56,63      | 1,7       | 8,05%    | 43,02    | 8,86     | 5              | 223 923    | 43 109    | 283 211                   | 5 205    | 4 866             | 8 627  | 8 928  |
| North.Brewer  | BE     | 2                        | 0,00   | 0,00   | 2,01        | 2                   | 3,93       | 2,0       | 0,00%    | 0,00     | 3,92     | 0              | 0          | 15 837    | 15 865                    | 0        | 4 040             | 7 893  | 7 893  |
|               | DE     | 665                      | 1,00   | 0,00   | 664,00      | 664                 | 1 263,78   | 1,9       | 9,24%    | 777,25   | 486,53   | 0              | 2 619 339  | 977 921   | 3 597 261                 | 3 370    | 2 010             | 5 409  | 5 414  |
|               | FR     | 3                        | 0,00   | 0,00   | 3,36        | 3                   | 4,45       | 1,3       | 9,00%    |          | 4,45     | 0              | 0          | 9 034     | 9 034                     | 0        | 2 030             | 2 689  | 2 689  |
|               | PL     | 14                       | 0,00   | 0,00   | 14,48       | 14                  | 19,96      | 1,4       | 5,91%    | 19,96    | 0,00     | 0              | 48 303     | 0         | 48 303                    | 2 420    | 0                 | 3 336  | 3 336  |
|               | CE     | 670                      | 1,00   | 0,00   | 669,37      | 670                 | 1 272,16   | 1,9       | 9,21%    | 777,25   | 494,90   | 0              | 2 619 339  | 1 002 792 | 3 622 145                 | 3 370    | 2 026             | 5 403  | 5 408  |

**TABLE 6 (page 4/5) : Member State Returns (EUR15) - Hops 2004**

| Group B/II<br>(contd.) |        | SURFACE AREA IN HECTARES |        |        |                |   | PRODUCTION (TONNES)       |           |                        |          |           | RETURNS (EURO) |            |            | AVG. PRICE (EURO)<br>/ TONNE |          | RETURNS (EURO)<br>ha |                  |                    |
|------------------------|--------|--------------------------|--------|--------|----------------|---|---------------------------|-----------|------------------------|----------|-----------|----------------|------------|------------|------------------------------|----------|----------------------|------------------|--------------------|
|                        |        | A                        | B      | C      |                | E   | F                         | G         | G'                     | H        | I         | J              | K          | L          | M                            | N        | O                    | P                | Q                  |
| Bitter<br>Hops         |        | Total                    | New    | New    | Previous<br>to | Full<br>production<br>(B*0,4)+<br>(C*0,65)<br>+ D | Produc-<br>tion<br>Tonnes | Yield     | Yield<br>in<br>% alpha | Contract | Spot'     | Not sold       | Contract   | Spot'      | Total                        | Contract | Spot'                | Total<br>planted | Full<br>Production |
| Variety                | Origin | B+C+D                    | 2004   | 2003   | 2003           |   |                           | Tonnes/ha |                        |          |           |                |            |            | K + L +<br>(J * 0,7 * O)     |          |                      | M / A            | M / E              |
|                        |        |                          |        |        |                |   |                           | F / A     |                        |          | F - (H+I) | N * H          | O * I      |            |                              |          |                      |                  |                    |
| Nugget                 | BE     | 2                        | 0,00   | 0,00   | 1,94           | 2   | 3,76                      | 1,9       | 9,72%                  | 0,00     | 3,76      | 0              | 18 123     | 18 123     | 0                            | 4 820    | 9 342                | 9 342            |                    |
|                        | DE     | 450                      | 0,00   | 3,00   | 447,00         | 449   | 1 027,84                  | 2,3       | 10,26%                 | 456,69   | 571,15    | (0)            | 1 324 392  | 571 153    | 1 895 545                    | 2 900    | 1 000                | 4 212            | 4 222              |
|                        | ES     | 628                      | 0,00   | 1,35   | 626,25         | 627   | 1 324,19                  | 2,1       | 11,50%                 | 1 284,19 | 40,00     | 0              | 3 980 989  | 70 400     | 4 051 389                    | 3 100    | 1 760                | 6 455            | 6 460              |
|                        | FR     | 7                        | 0,00   | 0,00   | 6,61           | 7   | 15,18                     | 2,3       | 10,32%                 | 2,04     | 3,44      | 10             | 7 160      | 6 398      | 26 188                       | 3 510    | 1 860                | 3 962            | 3 962              |
|                        | PT     | 40                       | 0,00   | 0,00   | 39,99          | 40  | 37,80                     | 0,9       | 8,75%                  |          |           | 38             | 0          | 0          | 42 000                       | 0        | 0                    | 0                | 0                  |
|                        | CE     | 1 126                    | 0,00   | 4,35   | 1 121,79       | 1 125   | 2 408,77                  | 2,1       | 10,92%                 | 1 742,92 | 618,35    | 47             | 5 312 542  | 666 075    | 6 014 432                    | 3 048    | 1 077                | 5 341            | 5 348              |
| Pilgrim                | BE     | 1                        | 0,11   | 0,00   | 0,46           | 1   | 1,34                      | 2,4       | 9,22%                  | 1,34     | 0,00      | 0              | 2 050      | 0          | 2 050                        | 1 530    | 0                    | 3 597            | 4 068              |
|                        | UK     | 53                       | 14,26  | 11,31  | 27,34          | 40  | 67,18                     | 1,3       | 11,09%                 | 29,55    | 37,63     | 0              | 70 218     | 51 628     | 121 846                      | 2 376    | 1 372                | 2 303            | 3 016              |
|                        | CE     | 53                       | 14,37  | 11,31  | 27,80          | 41  | 68,52                     | 1,3       | 11,05%                 | 30,89    | 37,63     | 0              | 72 268     | 51 628     | 123 896                      | 2 340    | 1 372                | 2 317            | 3 029              |
| Target                 | BE     | 132                      | 0,00   | 0,00   | 131,55         | 132   | 197,74                    | 1,5       | 10,48%                 | 103,22   | 43,21     | 51             | 373 656    | 101 976    | 560 396                      | 3 620    | 2 360                | 4 260            | 4 260              |
|                        | DE     | 33                       | 0,00   | 0,00   | 33,00          | 33  | 78,97                     | 2,4       | 11,65%                 | 19,65    | 59,38     | (0)            | 60 921     | 59 381     | 120 258                      | 3 100    | 1 000                | 3 644            | 3 644              |
|                        | FR     | 7                        | 0,00   | 0,00   | 6,56           | 7   | 10,84                     | 1,7       | 12,10%                 | 2,88     | 5,55      | 2              | 7 891      | 5 606      | 15 201                       | 2 740    | 1 010                | 2 317            | 2 317              |
|                        | UK     | 271                      | 2,85   | 5,00   | 263,13         | 268   | 478,79                    | 1,8       | 11,26%                 | 323,68   | 148,66    | 6              | 1 039 255  | 180 831    | 1 225 579                    | 3 211    | 1 216                | 4 523            | 4 581              |
|                        | CE     | 442                      | 2,85   | 5,00   | 434,24         | 439   | 766,34                    | 1,7       | 11,11%                 | 449,43   | 256,80    | 60             | 1 481 724  | 347 793    | 1 886 501                    | 3 297    | 1 354                | 4 267            | 4 301              |
| Yeoman                 | BE     | 1                        | 0,00   | 0,00   | 1,16           | 1   |                           | 0,0       | 0,00%                  | 0,00     | 0,00      | 0              | 0          | 0          | 0                            | 0        | 0                    | 0                | 0                  |
|                        | FR     | 1                        | 0,00   | 0,00   | 0,78           | 1   | 1,21                      | 1,6       | 10,70%                 |          | 1,21      | 0              | 0          | 968        | 968                          | 0        | 800                  | 1 241            | 1 241              |
|                        | CE     | 2                        | 0,00   | 0,00   | 1,94           | 2   | 1,21                      | 0,6       | 10,70%                 | 0,00     | 1,21      | 0              | 0          | 968        | 968                          | 0        | 800                  | 1 241            | 1 241              |
| <b>TOTAL</b>           | BE     | 172                      | 1,84   | 1,88   | 168,00         | 170   | 258,25                    | 1,5       | 10,63%                 | 141      | 65        | 52             | 568 501    | 181 319    | 851 789                      | 4 018    | 2 800                | 4 960            | 5 012              |
|                        | CZ     | 52                       | 34,00  | 10,00  | 8,00           | 28,10   | 69,00                     | 1,3       | 12,90%                 | 69       | 0         | 0              | 236 567    | 0          | 236 567                      | 3 429    | 2 898                | 4 549            | 8 419              |
| <b>BITTER</b>          | DE     | 7 538                    | 157,00 | 342,00 | 7 039,00       | 7 324   | 16 453,55                 | 2,2       | 13,99%                 | 7 543    | 8 910     | (0)            | 26 301 292 | 10 536 004 | 36 837 244                   | 3 487    | 1 182                | 4 887            | 5 030              |
| <b>VARIETIES</b>       | ES     | 634                      | 0,00   | 1,35   | 632,38         | 633   | 1 336,52                  | 2,1       | 11,51%                 | 1 297    | 40        | 0              | 4 023 528  | 70 400     | 0                            | 3 103    | 0                    | 0                | 0                  |
|                        | FR     | 43                       | 6,34   | 4,79   | 32,15          | 38  | 60,15                     | 1,4       | 10,81%                 | 7        | 35        | 18             | 24 772     | 61 281     | 110 848                      | 3 580    | 1 760                | 2 561            | 2 933              |
|                        | AT     | 11                       | 1,72   | 0,00   | 9,14           | 10  | 20,00                     | 1,8       | 16,50%                 | 20       | 0         | 0              | 94 000     | 0          | 0                            | 4 700    | 0                    | 0                | 0                  |
|                        | PT     | 40                       | 0,00   | 0,00   | 39,99          | 40  | 37,80                     | 0,9       | 8,75%                  | 38       | 0         | 0              | 15 876     | 0          | 0                            | 420      | 0                    | 0                | 0                  |
|                        | PL     | 1 382                    | 111    | 116    | 1 155          | 1 275   | 1 737                     | 1,3       | 0,00%                  | 1 545    | 192       | 0              | 4 696 887  | 585 131    | 5 282 018                    | 3 040    | 3 050                | 3 822            | 4 144              |
|                        | SI     | 79                       | 0      | 2      | 77             | 78  | 80                        | 1,0       |                        | 0        | 80        | 0              | 0          | 0          | 0                            | 0        | 0                    | 0                | 0                  |
|                        | UK     | 495                      | 21,96  | 26,31  | 446,47         | 472   | 814,10                    | 1,6       | 11,66%                 | 546      | 255       | 13             | 1 904 706  | 394 454    | 2 312 894                    | 3 488    | 1 545                | 4 675            | 4 897              |
|                        | CE     | 10 445                   | 334,47 | 503,91 | 9 606,84       | 10 068  | 20 866,21                 | 2,0       | 12,42%                 | 11 206   | 9 577     | 83             | 37 866 129 | 11 828 589 | 49 767 141                   | 3 379    | 1 246                | 4 765            | 4 943              |

TABLE 6 (page 5/5) : Member State Returns (EUR15) - Hops 2004

| Group C/III                            |         | SURFACE AREA IN HECTARES |       |                |   |                           | PRODUCTION (TONNES)         |                        |          |          |          |           | RETURNS (EURO) |            |                          | AVG. PRICE (EURO) / TONNE |                  | RETURNS (EURO) ha  |       |
|--|---------|--------------------------|-------|----------------|---|---------------------------|-----------------------------|------------------------|----------|----------|----------|-----------|----------------|------------|--------------------------|---------------------------|------------------|--------------------|-------|
|  |         | A                        | B     | C              | E   | F                         | G                           | G'                     | H        | I        | J        | K         | L              | M          | N                        | O                         | P                | Q                  |       |
| Hops:<br>Other<br>varieties            | Total   | New                      | New   | Previous<br>to | Full<br>production<br>(B*0,4)+<br>(C*0,65)<br>+ D | Produc-<br>tion<br>Tonnes | Yield<br>Tonnes/ha          | Yield<br>in<br>% alpha | Contract | Spot'    | Not sold | Contract  | Spot'          | Total      | Contract                 | Spot'                     | Total<br>planted | Full<br>Production |       |
|  | Variety | Origin                   | B+C+D | 2004           | 2003  | 2003                      | (B*0,4)+<br>(C*0,65)<br>+ D | F / A                  | % alpha  | Contract | Spot'    | F - (H+I) | N * H          | O * I      | K + L +<br>(J * 0,7 * O) |                           |                  | M / A              | M / E |
| OTHER                                  | DE      | 49                       | 14,00 | 5,00           | 30,00   | 39                        | 61,63                       | 1,3                    | 10,64%   | 33,25    | 28,39    | 0         | 124 680        | 75 791     | 200 471                  | 3 750                     | 2 670            | 4 091              | 5 160 |
|  | CZ      | 16                       | 3,00  | 5,00           | 8,00  | 12                        | 20,00                       | 1,3                    | 12,80%   | 8,00     | 12,00    | 0         | 22 397         | 34 781     | 57 179                   | 2 800                     | 2 898            | 3 574              | 4 593 |
|  | UK      | 15                       | 1,18  | 0,00           | 14,13   | 15                        | 12,15                       | 0,8                    | 10,58%   | 4,33     | 6,67     | 1         | 13 168         | 7 264      | 21 309                   | 3 041                     | 1 089            | 1 392              | 1 459 |
| including<br>experimental<br>varieties | FR      | 1                        | 0,40  | 0,40           | 0,23  | 0                         | 0,90                        | 1,4                    | 0,00%    | 0        | 0        | 1         | 0              | 0          | 0                        | 0                         | 0                | 0                  | 0     |
|  | PL      | 3                        | 0,00  | 0,00           | 2,76  | 3                         | 0,56                        | 0,2                    | 7,10%    | 0,00     | 0,56     | 0         | 0              | 1 641      | 1 641                    | 0                         | 2 930            | 594                | 594   |
|  | CE      | 84                       | 18,18 | 10,40          | 55,12   | 69,15                     | 95,24                       | 1,14                   | 0,08     | 45,58    | 47,62    | 2         | 160 245        | 119 477    | 280 599                  | 3 516                     | 2 509            | 3 352              | 4 058 |
| TOTAL                                  | CZ      | 16                       | 3     | 5              | 8   | 12                        | 20                          | 1                      | 0        | 8        | 12       | 0         | 22 397         | 34 781     | 57 179                   | 2 800                     | 2 898            | 3 574              | 4 593 |
|  | DE      | 49                       | 14,00 | 5,00           | 30,00   | 39                        | 61,63                       | 1,3                    | 10,64%   | 33       | 28       | 0         | 124 680        | 75 791     | 200 471                  | 3 750                     | 2 670            | 4 091              | 5 160 |
| OTHER                                  | UK      | 15                       | 1,18  | 0,00           | 14,13   | 15                        | 12,15                       | 0,8                    | 10,58%   | 4        | 7        | 1         | 13 168         | 7 264      | 21 309                   | 3 041                     | 1 089            | 1 392              | 1 459 |
|  | FR      | 1                        | 0,00  | 0,40           | 0,23  | 0                         | 0,90                        | 1,4                    | 0,00%    | 0        | 0        | 1         | 0              | 0          | 0                        | 0                         | 0                | 0                  | 0     |
|  | PL      | 3                        | 0     | 0              | 3   | 3                         | 1                           | 0                      | 0        | 0        | 1        | 0         | 0              | 1 641      | 1 641                    | 0                         | 2 930            | 594                | 594   |
|  | CE      | 65                       | 15,18 | 5,40           | 44,36   | 54                        | 74,68                       | 1,2                    | 10,50%   | 38       | 35       | 2         | 137 848        | 117 836    | 260 508                  | 3 668                     | 3 361            | 4 012              | 4 829 |
| GRAND                                  | BE      | 209                      | 6     | 3              | 199   | 204                       | 294                         | 1,4                    | 9,69%    | 152      | 89       | 53        | 610 606        | 336 309    | 1 085 446                | 4 018                     | 3 763            | 5 204              | 5 326 |
| TOTAL                                  | CZ      | 5 838                    | 278   | 112            | 5 448   | 5 632                     | 6 311                       | 1,1                    | 4,61%    | 5 608    | 703      | 0         | 24 103 667     | 2 971 411  | 27 075 078               | 4 298                     | 4 227            | 4 638              | 4 807 |
|  | DE      | 17 477                   | 716   | 1 003          | 15 758  | 16 696                    | 33 207                      | 1,9                    | 9,59%    | 20 054   | 13 153   | 0         | 72 984 206     | 24 162 907 | 97 147 031               | 3 639                     | 1 837            | 5 559              | 5 818 |
|  | ES      | 634                      | 0     | 1              | 632   | 633                       | 1 337                       | 2,1                    | 11,51%   | 1 297    | 40       | 0         | 4 023 528      | 70 400     | 4 093 928                | 3 103                     | 0                | 6 460              | 6 465 |
|  | FR      | 787                      | 56    | 27             | 704   | 744                       | 1 169                       | 1,5                    | 2,09%    | 1 006    | 143      | 20        | 4 576 525      | 525 277    | 5 154 417                | 4 550                     | 3 672            | 6 547              | 6 924 |
|  | AT      | 207                      | 13    | 4              | 190   | 198                       | 299                         | 1,4                    | 7,74%    | 265      | 34       | 0         | 1 204 126      | 143 200    | 1 347 326                | 4 539                     |                  | 6 500              | 6 805 |
|  | PL      | 2 239                    | 120   | 117            | 2 002   | 2 126                     | 2 898                       | 1,3                    | 7,41%    | 2 320    | 578      | 0         | 7 022 924      | 1 738 192  | 8 761 117                | 3 027                     | 3 007            | 3 914              | 4 121 |
|  | PT      | 40                       | 0     | 0              | 40  | 40                        | 38                          | 0,9                    | 8,75%    | 38       | 0        | 0         | 15 876         | 0          | 15 876                   | 420                       | 0                | 397                | 397   |
|  | SI      | 1 398                    | 64    | 47             | 1 287   | 1 343                     | 2 412                       | 1,7                    | 9,70%    | 240      | 2 172    | 0         |                |            |                          |                           |                  |                    |       |
|  | SK      | 322                      | 0     | 0              | 322   | 322                       | 363                         | 1,1                    | 3,86%    | 351      | 12       | 0         | 1 298 487      | 44 082     | 1 342 569                | 3 699                     | 3 674            | 4 169              | 4 169 |
|  | UK      | 1 350                    | 47    | 48             | 1 255   | 1 305                     | 2 071                       | 1,5                    | 8,59%    | 1 718    | 331      | 23        | 7 983 619      | 630 031    | 8 644 050                | 4 648                     | 1 905            | 6 401              | 6 623 |
|  | CE      | 30 501                   | 1 299 | 1 364          | 27 838  | 29 244                    | 50 400                      | 1,7                    | 8,61%    | 33 048   | 17 255   | 96        | 123 823 563    | 30 621 808 | 154 581 649              | 3 774                     | 2 030            | 5 068              | 5 286 |

Source: Elaboration by DG AGRI, based on communications from Member States

BE 3 923

**TABLE A**

**Number and size of hop-growing farms in the Community**

**2004**

|                       | Number of farms |              |                | Total harvested area under hops (ha) |               |                |                   | Areas under hops per farm (ha) |            |                |
|-----------------------|-----------------|--------------|----------------|--------------------------------------|---------------|----------------|-------------------|--------------------------------|------------|----------------|
|                       | 2003            | 2004         | 2003<br>- 2004 | 2003                                 | 2004          | 2003<br>- 2004 | 2004<br>% / total | 2003                           | 2004       | 2003<br>- 2004 |
| <b>Belgium</b>        | 47              | 45           | -2             | 209                                  | 209           | 0              | 0,7%              | 4,4                            | 4,6        | 0,2            |
| <b>Czech Republic</b> | -               | 152          | -              | -                                    | 5 838         | -              | 19,1%             | -                              | 38,4       | -              |
| <b>Germany</b>        | 1 788           | 1 699        | -89            | 17 562                               | 17 477        | -85            | 57,3%             | 9,8                            | 10,3       | 0,5            |
| <b>Spain</b>          | 414             | 406          | -8             | 671                                  | 634           | -37            | 2,1%              | 1,6                            | 1,6        | -0,1           |
| <b>France</b>         | 108             | 104          | -4             | 817                                  | 787           | -30            | 2,6%              | 7,6                            | 7,6        | 0,0            |
| <b>Ireland</b>        | -               | -            | -              | -                                    | -             | -              | -                 | -                              | -          | -              |
| <b>Austria</b>        | 70              | 70           | 0              | 209                                  | 207           | -2             | 0,7%              | 3,0                            | 3,0        | 0,0            |
| <b>Poland</b>         | -               | 1 121        | -              | -                                    | 2 239         | -              | 7,3%              | -                              | 2,0        | -              |
| <b>Portugal</b>       | 12              | 12           | 0              | 37                                   | 40            | 3              | 0,1%              | 3,1                            | 3,3        | 0,2            |
| <b>Slovenia</b>       | -               | -            | -              | -                                    | 1 398         | -              | 4,6%              | -                              | -          | -              |
| <b>Slovakia</b>       | -               | 13           | -              | -                                    | 322           | -              | 1,1%              | -                              | 24,8       | -              |
| <b>United Kingdom</b> | 145             | 125          | -20            | 1 457                                | 1 350         | -107           | 4,4%              | 10,1                           | 10,8       | 0,8            |
| <b>EU</b>             | <b>2 584</b>    | <b>3 747</b> | <b>1 163</b>   | <b>20 962</b>                        | <b>30 501</b> | <b>9539</b>    | <b>100,0%</b>     | <b>8,1</b>                     | <b>8,1</b> | <b>0,0</b>     |

Source: Elaboration by DG AGRI, based on communications from Member States

**TABLE B**  
**Average prices for selected hop varieties in Germany**  
**1986 - 2004**

|                         | Agricultural<br>conversion rates<br>1st January | Hallertauer  |                | Tettnanger   |                | Hersbrucker  |                | Northern Brewer |                | Brewer's Gold |                |
|-------------------------|---|--------------|----------------|--------------|----------------|--------------|----------------|-----------------|----------------|---------------|----------------|
|                         |   | DM/<br>Tonne | EURO/<br>Tonne | DM/<br>Tonne | EURO/<br>Tonne | DM/<br>Tonne | EURO/<br>Tonne | DM/<br>Tonne    | EURO/<br>Tonne | DM/<br>Tonne  | EURO/<br>Tonne |
| <b>Spot market</b>      |   |              |                |              |                |              |                |                 |                |               |                |
| 1986                    | 2,30397   | 6 160        | 2 674          | 6 600        | 2 865          | 4 520        | 1 962          | 3 000           | 1 302          | 1 160         | 503            |
| 1988                    | 2,09725   | 10 760       | 5 131          | 10 900       | 5 197          | 10 240       | 4 883          | 6 740           | 3 214          | 4 400         | 2 098          |
| 1989                    | 2,07609   | 10 300       | 4 961          | 10 920       | 5 260          | 8 200        | 3 950          | 6 020           | 2 900          | 4 160         | 2 004          |
| 1990                    | 2,07609   | 26 020       | 12 533         | 30 000       | 14 450         | 19 780       | 9 528          | 27 160          | 13 082         | 20 120        | 9 691          |
| 1991                    | 2,05586   | 9 840        | 4 786          | 10 540       | 5 127          | 6 900        | 3 356          | 8 160           | 3 969          | 5 960         | 2 899          |
| 1992                    | 2,05586   | 9 540        | 4 640          | 10 160       | 4 942          | 6 540        | 3 181          | 9 020           | 4 387          | 6 000         | 2 918          |
| 1993                    | 1,96992   | 7 140        | 3 625          | 9 400        | 4 772          | 1 360        | 690            | 2 880           | 1 462          | 1 500         | 761            |
| 1994                    | 1,94962   | 10 160       | 5 211          | 10 360       | 5 314          | 3 300        | 1 693          | 4 720           | 2 421          | 2 400         | 1 231          |
| 1995                    | 1,94962   | 10 920       | 5 601          | 10 880       | 5 581          | 3 040        | 1 559          | 5 460           | 2 801          | 2 660         | 1 364          |
| 1996                    | 1,90616   | 8 140        | 4 270          | 8 900        | 4 669          | 1 300        | 682            | 3 900           | 2 046          | 2 080         | 1 091          |
| 1997                    | 1,94386   | 3 820        | 1 965          | 4 880        | 2 510          | 1 160        | 597            | 2 260           | 1 163          | 1 360         | 700            |
| 1998                    | 1,95583   | 3 160        | 1 616          | 7 940        | 4 060          | 2 140        | 1 094          | 3 000           | 1 534          | 2 280         | 1 166          |
| 1999                    | 1,95583   | 7 180        | 3 671          | 7 160        | 3 661          | 3 280        | 1 677          | 6 300           | 3 221          | 4 980         | 2 546          |
| 2000                    | 1,95583   | 10 300       | 5 266          | 10 140       | 5 184          | 5 960        | 3 047          | 10 920          | 5 583          | 6 820         | 3 487          |
| 2001                    | 1,95583   | 2 751        | 5 380          | 0            | 0              | 1 023        | 2 000          | 1 718           | 3 360          | 1 125         | 2 200          |
| 2002                    | 1,95583   | 0            | 5 610          | 0            | 2 520          | 0            | nil            | 0               | nil            | 0             | nil            |
| 2003                    | 1,95583   | 0            | 4 550          | 0            | 4 510          | 0            | 3 510          | 0               | 3 640          | 0             | 3 080          |
| 2004                    | 1,95583   | 0            | 3 380          | 0            | 3 000          | 0            | 2 180          | 0               | 2 010          | 0             | 2 000          |
| <b>Contract market*</b> |   |              |                |              |                |              |                |                 |                |               |                |
| 1986                    | 2,30397   | 9 360        | 4 063          | 10 800       | 4 688          | 8 120        | 3 524          | 8 200           | 3 559          | 6 900         | 2 995          |
| 1987                    | 2,17266   | 9 320        | 4 290          | 10 500       | 4 833          | 8 080        | 3 719          | 8 100           | 3 728          | 6 580         | 3 029          |
| 1988                    | 2,09725   | 9 460        | 4 511          | 10 540       | 5 026          | 8 060        | 3 843          | 7 960           | 3 795          | 5 980         | 2 851          |
| 1989                    | 2,07609   | 9 440        | 4 547          | 10 420       | 5 019          | 7 960        | 3 834          | 7 560           | 3 641          | 5 520         | 2 659          |
| 1990                    | 2,07609   | 9 680        | 4 663          | 10 420       | 5 019          | 7 880        | 3 796          | 7 600           | 3 661          | 5 500         | 2 649          |
| 1991                    | 2,05586   | 9 820        | 4 777          | 10 480       | 5 098          | 7 540        | 3 668          | 7 520           | 3 658          | 5 120         | 2 490          |
| 1992                    | 2,05586   | 10 040       | 4 884          | 10 460       | 5 088          | 7 280        | 3 541          | 7 160           | 3 483          | 5 220         | 2 539          |
| 1993                    | 1,96992   | 10 120       | 5 137          | 10 580       | 5 371          | 7 080        | 3 594          | 7 220           | 3 665          | 5 420         | 2 751          |
| 1994                    | 1,94962   | 10 200       | 5 232          | 10 480       | 5 375          | 7 100        | 3 642          | 6 600           | 3 385          | 5 420         | 2 780          |
| 1995                    | 1,94962   | 10 420       | 5 345          | 10 640       | 5 457          | 7 120        | 3 652          | 7 060           | 3 621          | 5 400         | 2 770          |
| 1996                    | 1,90616   | 10 740       | 5 634          | 11 100       | 5 823          | 6 840        | 3 588          | 7 040           | 3 693          | 5 200         | 2 728          |
| 1997                    | 1,94386   | 10 620       | 5 463          | 11 120       | 5 721          | 6 560        | 3 375          | 7 000           | 3 601          | 4 900         | 2 521          |
| 1998                    | 1,95583   | 10 640       | 5 440          | 10 900       | 5 573          | 6 340        | 3 242          | 6 680           | 3 415          | 4 540         | 2 321          |
| 1999                    | 1,95583   | 10 120       | 5 174          | 10 480       | 5 358          | 5 780        | 2 955          | 6 200           | 3 170          | 3 900         | 1 994          |
| 2000                    | 1,95583   | 9 860        | 5 041          | 10 100       | 5 164          | 5 880        | 3 006          | 6 400           | 3 272          | 3 680         | 1 882          |
| 2001                    | 1,95583   | 2 393        | 4 680          | 2 526        | 4 940          | 1 411        | 2 760          | 1 738           | 3 400          | 1 094         | 2 140          |
| 2002                    | 1,95583   | 0            | 4 860          | 0            | 4 780          | 0            | 2 660          | 0               | 3 220          | 0             | 2 010          |
| 2003                    | 1,95583   | 0            | 4 900          | 0            | 4 140          | 0            | 2 880          | 0               | 3 240          | 0             | 2 320          |
| 2004                    | 1,95583   | 0            | 5 040          | 0            | 4 060          | 0            | 3 050          | 0               | 3 370          | 0             | 2 560          |

\* The prices shown are the average prices specified in contracts signed in previous years for the relevant harvest.

**TABLE C - 1**

**Return on areas in full production, in EURO/ha (EU-15) \***

**2004**

**(i) BY VARIETY GROUP:**

|          | 1992  | 1993  | 1994** | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004<br>(EU15) | 2004<br>(EU25) | 2004/03<br>(%) |
|----------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|----------------|----------------|
| Aromatic | 5 339 | 4 908 | 5 681  | 6 271 | 6 321 | 5 955 | 5 759 | 6 027 | 6 773 | 5 436 | 5 659 | 5 342 | 6 580          | 5 469          | <b>123,17%</b> |
| Bitter   | 4 328 | 3 939 | 4 691  | 5 716 | 5 972 | 4 895 | 5 191 | 5 389 | 7 080 | 6 387 | 5 463 | 5 500 | 5 095          | 4 957          | <b>92,64%</b>  |
| Other    | 3 948 | 3 569 | 4 347  | 5 175 | 3 397 | 3 844 | 4 411 | 5 341 | 6 515 | 4 411 | 3 969 | 5 300 | 4 158          | 4 829          | <b>78,45%</b>  |

**(ii) BY COUNTRY:**

|                | 1992  | 1993  | 1994** | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2004/03<br>(%) |
|----------------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Belgium        | 6 602 | 4 908 | 5 139  | 4 980 | 3 835 | 3 016 | 4 581 | 4 216 | 8 871 | 5 926 | 4 099 | 5 777 | 5 354 | <b>92,67%</b>  |
| Germany        | 4 818 | 3 939 | 4 935  | 6 079 | 6 167 | 5 164 | 5 226 | 5 404 | 6 681 | 5 668 | 5 102 | 5 195 | 5 818 | <b>111,99%</b> |
| Spain          | 2 605 | 3 569 | 5 308  | 4 578 | 4 340 | 4 525 | 5 731 | 5 756 | 5 339 | 5 625 | 6 366 | 6 104 | 6 465 | <b>105,91%</b> |
| France         | 6 320 | 6 794 | 8 346  | 6 978 | 6 711 | 7 694 | 6 966 | 6 826 | 8 821 | 6 431 | 9 601 | 7 921 | 6 924 | <b>87,41%</b>  |
| Ireland        | 9 055 | 7 109 | 6 519  | 7 681 | 8 033 | 9 625 | 8 825 | 6 398 | 9 661 | 7 106 | 8 726 | 0     | 0     | <b>0</b>       |
| Austria        | -     | -     | 9 313  | 7 620 | 7 042 | 7 854 | 7 377 | 6 688 | 6 218 | 7 228 | 6 651 | 6 491 | 6 805 | <b>104,84%</b> |
| Portugal       | 1 495 | 1 203 | 1 697  | 3 110 | 3 028 | 1 547 | 877   | 1 830 | 1 971 | 1 398 | 1 202 | 794   | 3 970 | <b>500,05%</b> |
| United Kingdom | 5 404 | 4 803 | 6 548  | 6 203 | 7 001 | 8 550 | 7 756 | 8 616 | 8 661 | 7 585 | 6 796 | 6 206 | 6 623 | <b>106,72%</b> |

\* Areas newly planted in 2002 and 2001 were assumed to give 40% and 65% respectively of the return on established areas in full production.

\*\*\* Following the abolition of the switch-over mechanism on 1 February 1995, the figures for the previous years have been multiplied by 1.207509 in order to allow comparison with the 1995 figures.

Source: Elaboration by DG AGRI, based on communications from Member States

## TABLE C - 2

**Return on areas in full production, in EURO/ha (EU-15) \***

**2004**

(iii) BY COUNTRY AND BY VARIETY GROUP

|                | AROMATIC |       |              | BITTER |       |              | OTHER |       |              |
|----------------|----------|-------|--------------|--------|-------|--------------|-------|-------|--------------|
|                | 2003     | 2004  | 2004/03<br>% | 2003   | 2004  | 2004/03<br>% | 2003  | 2004  | 2004/03<br>% |
| Belgium        | 6 899    | 6 089 | -11,74       | 5 525  | 5 012 | -9,29        | -     | -     | -            |
| Germany        | 4 965    | 6 440 | 29,71        | 5 470  | 5 030 | -8,04        | 5 394 | 5 160 | -4,34        |
| Spain          | -        | -     | -            | -      | -     | -            | -     | -     | -            |
| France         | 8 046    | 7 108 | -11,66       | 3 908  | 2 933 | -24,95       | -     | -     | -            |
| Ireland        | -        | -     | -            | -      | -     | -            | -     | -     | -            |
| Austria        | 6 467    | 6 661 | 3,00         | -      | -     | -            | -     | -     | -            |
| Portugal       | -        | -     | -            | -      | -     | -            | -     | -     | -            |
| United Kingdom | 6 698    | 7 719 | 15,24        | 5 471  | 4 897 | -10,49       | 4 645 | 1 459 | -68,59       |

Source: Elaboration by DG AGRI, based on communications from Member States

## TABLE D

### 2004

### Production costs per hectare - in EURO\*

| Member State                 | Year        | Fertilizer | Insecticide | Energie Costs | ** Buildings | Equipment Costs | Labour costs wages paid | Other      | Total 1      | *** Labour costs unpaid | *** Interest on capital | Total 2      |
|------------------------------|-------------|------------|-------------|---------------|--------------|-----------------|-------------------------|------------|--------------|-------------------------|-------------------------|--------------|
| Belgium                      | 2003        | 340        | 1 120       | 395           | 515          | 3 650           | 1 690                   | 200        | 7 910        | 4 085                   | 798                     | 12 793       |
|                              | 2004        | 350        | 1 150       | 430           | 515          | 3 660           | 1 710                   | 200        | 8 015        | 4 090                   | 795                     | 12 900       |
| Czech Republic               | 2003        | 131        | 393         | 248           | 92           | 104             | 1 487                   | 2 093      | 4 547        | 0                       | 11                      | 4 558        |
|                              | 2004        | 227        | 391         | 272           | 87           | 90              | 1 418                   | 2 165      | 4 651        | 0                       | 19                      | 4 670        |
| Germany                      | 2003        | 234        | 978         | 1 275         | 446          | 1 902           | 1 200                   | 259        | 6 294        | 1 600                   | 1 004                   | 8 898        |
|                              | 2004        | 227        | 1 076       | 1 247         | 446          | 1 923           | 1 200                   | 259        | 6 378        | 1 600                   | 1 053                   | 9 031        |
| Spain                        | 2003        | 742        | 539         | 1 333         | 404          | 1 249           | 0                       | 533        | 4 800        | 3 731                   | 270                     | 8 801        |
|                              | 2004        | 764        | 555         | 1 552         | 444          | 1 286           | 0                       | 549        | 5 150        | 3 943                   | 284                     | 9 377        |
| France                       | 2003        | 259        | 1 163       | 1 118         | 1 105        | 1 064           | 4 372                   | 169        | 9 251        | -                       | 288                     | 9 539        |
|                              | 2004        | 267        | 1 222       | 1 173         | 1 110        | 1 094           | 1 788                   | 171        | 6 827        | -                       | 296                     | 7 123        |
| Ireland                      | 2003        | -          | -           | -             | -            | -               | -                       | -          | -            | -                       | -                       | -            |
|                              | 2004        | -          | -           | -             | -            | -               | -                       | -          | -            | -                       | -                       | -            |
| Austria                      | 2003        | 346        | 528         | 1 085         | 421          | 1 657           | 939                     | 1 752      | 6 728        | 2 152                   | 1 102                   | 9 982        |
|                              | 2004        | 353        | 528         | 1 043         | 409          | 1 653           | 944                     | 1 735      | 6 665        | 1 978                   | 980                     | 9 623        |
| Poland                       | 2003        | 184        | 664         | 728           | 242          | 913             | 716                     | 185        | 3 632        | 913                     | 209                     | 4 754        |
|                              | 2004        | 223        | 660         | 816           | 235          | 885             | 784                     | 209        | 3 812        | 885                     | 203                     | 4 900        |
| Portugal                     | 2003        | 500        | 250         | 400           | 600          | -               | 3 500                   | 700        | 5 950        | 600                     | 300                     | 6 850        |
|                              | 2004        | 500        | 250         | 400           | 600          | -               | 3 500                   | 700        | 5 950        | 600                     | 300                     | 6 850        |
| Slovenia                     | 2003        | 243        | 254         | 356           | 406          | 1 652           | 1 881                   | 83         | 4 876        | 470                     | 4 772                   | 10 118       |
|                              | 2004        | 255        | 267         | 374           | 426          | 1 735           | 1 975                   | 88         | 5 119        | 494                     | 5 011                   | 10 624       |
| Slovakia                     | 2003        | 205        | 802         | 290           | 1 062        | 465             | 493                     | 1 241      | 4 558        | 0                       | 0                       | 4 558        |
|                              | 2004        | 70         | 738         | 333           | 1 119        | 511             | 537                     | 1 057      | 4 365        | 0                       | 0                       | 4 365        |
| United Kingdom               | 2003        | 279        | 784         | 475           | 893          | 1 710           | 2 532                   | 796        | 7 469        | 333                     | 2 672                   | 10 474       |
|                              | 2004        | 298        | 861         | 550           | 923          | 1 799           | 2 647                   | 860        | 7 938        | 342                     | 2 755                   | 11 035       |
| <b>EU Average (weighted)</b> | <b>2003</b> | <b>257</b> | <b>953</b>  | <b>1 203</b>  | <b>502</b>   | <b>1 847</b>    | <b>1 384</b>            | <b>317</b> | <b>6 463</b> | <b>1 546</b>            | <b>1 066</b>            | <b>9 075</b> |
| <b>EU Average (weighted)</b> | <b>2004</b> | <b>244</b> | <b>851</b>  | <b>809</b>    | <b>340</b>   | <b>1 268</b>    | <b>870</b>              | <b>216</b> | <b>4 381</b> | <b>1 052</b>            | <b>749</b>              | <b>6 182</b> |

Source: Elaboration by DG AGRI, based on communications from Member States

\*) Where a variety is grown in two or more regions in the same Member State, the figure should represent an average weighted for the size of the areas concerned (see table 3.1.)

The weighting must also be made for all the varieties of each Member State. (see table 3.2.)

\*\*\*) Upkeep and depreciation



**TABLE E Special Temporary Measures (STM) 1997 - 2004**

| country        | year   | A                             |                           | D                               |                                    | B                     |        | change in planted areas (Yearly) outside STM | change in planted areas (cumulated) outside STM |
|----------------|--------|-------------------------------|---------------------------|---------------------------------|------------------------------------|-----------------------|--------|--|---|
|                |        | harvested areas (in hectares) | change in harvested areas | grubbed areas (Yearly) with STM | grubbed areas (cumulated) with STM | rested areas with STM |        |  |   |
| Total EU15     | 1997   | 26 785                        |                           |                                 |                                    |                       |        |  |   |
|                | 1998   | 24 371                        | -2 414                    | 802                             | 802                                | 1 393                 | -219   | -219   |   |
|                | 1999   | 22 686                        | -1 685                    | 776                             | 1 578                              | 771                   | -1 531 | -1 750                                       |   |
|                | 2000   | 22 695                        | +9                        | 539                             | 2 117                              | 63                    | -160   | -1 910                                       |   |
|                | 2001   | 23 027                        | +332                      | 283                             | 2 400                              | 734                   | +1 286 | -624   |   |
|                | 2002   | 22 154                        | -873                      | 423                             | 2 822                              | 389                   | -796   | -1 420                                       |   |
|                | 2003   | 20 979                        | -1 175                    | 672                             | 3 495                              | 2 100                 | 1 209  | -211   |   |
| 2004*          | 22 048 | 1 070                         | 434                       | 3 929                           | 1 772                              | 1 176                 | 965    |  |   |
| Belgium        | 1997   | 305                           |                           |                                 |                                    |                       |        |  |   |
|                | 1998   | 264                           | -41                       | 27                              | 27                                 | 11                    | -3     | -3   |   |
|                | 1999   | 255                           | -9                        | 7                               | 34                                 | 2                     | -11    | -14  |   |
|                | 2000   | 246                           | -9                        | 14                              | 48                                 | 7                     | 10     | -4   |   |
|                | 2001   | 252                           | 6                         | 5                               | 53                                 | 7                     | 11     | 7  |   |
|                | 2002   | 235                           | -17                       | 6                               | 58                                 | 6                     | -12    | -5   |   |
|                | 2003   | 225                           | -10                       | 17                              | 75                                 | 7                     | 8      | 3  |   |
| 2004           | 209    | -17                           | 10                        | 85                              | 10                                 | -4                    | -2     |  |   |
| Germany        | 1997   | 21 381                        |                           |                                 |                                    |                       |        |  |   |
|                | 1998   | 19 683                        | -1 698                    | 569                             | 569                                | 1 053                 | -76    | -76  |   |
|                | 1999   | 18 299                        | -1 384                    | 587                             | 1 156                              | 588                   | -1 262 | -1 338                                       |   |
|                | 2000   | 18 598                        | 299                       | 384                             | 1 540                              | 0                     | 95     | -1 243                                       |   |
|                | 2001   | 19 020                        | 422                       | 208                             | 1 748                              | 706                   | 1 336  | 93   |   |
|                | 2002   | 18 352                        | -668                      | 356                             | 2 104                              | 345                   | -673   | -580   |   |
|                | 2003   | 17 562                        | -790                      | 416                             | 2 520                              | 1 389                 | 670    | 90   |   |
| 2004           | 17 477 | -85                           | 266                       | 2 786                           | 1 166                              | -42                   | 48     |  |   |
| Austria        | 1997   | 248                           |                           |                                 |                                    |                       |        |  |   |
|                | 1998   | 250                           | 2                         | 0                               | 0                                  | 0                     | 2      | 2  |   |
|                | 1999   | 225                           | -25                       | 4                               | 4                                  | 8                     | -13    | -11  |   |
|                | 2000   | 216                           | -9                        | 6                               | 10                                 | 9                     | -2     | -13  |   |
|                | 2001   | 220                           | 4                         | 5                               | 15                                 | 1                     | 1      | -12  |   |
|                | 2002   | 217                           | -3                        | 1                               | 16                                 | 3                     | 0      | -12  |   |
|                | 2003   | 209                           | -8                        | 9                               | 25                                 | 9                     | 7      | -5   |   |
| 2004           | 207    | -2                            | 15                        | 40                              | 2                                  | 6                     | 1      |  |   |
| Portugal       | 1997   | 123                           |                           |                                 |                                    |                       |        |  |   |
|                | 1998   | 104                           | -19                       | 15                              | 15                                 | 4                     | 0      | 0  |   |
|                | 1999   | 64                            | -40                       | 17                              | 32                                 | 23                    | -4     | -4   |   |
|                | 2000   | 42                            | -22                       | 4                               | 36                                 | 18                    | -23    | -27  |   |
|                | 2001   | 37                            | -5                        | 4                               | 40                                 | 1                     | -18    | -45  |   |
|                | 2002   | 37                            | 0                         | 0                               | 40                                 | 0                     | -1     | -46  |   |
|                | 2003   | 37                            | 0                         | 14                              | 54                                 | 12                    | 26     | -20  |   |
| 2004           | 20     | -17                           | 12                        | 66                              | 20                                 | 3                     | -17    |  |   |
| Slovenia**     | 2004   | 1 398                         | -                         | 0                               | 0                                  | 419                   | -      | -  |   |
| United Kingdom | 1997   | 3 064                         |                           |                                 |                                    |                       |        |  |   |
|                | 1998   | 2 450                         | -614                      | 191                             | 191                                | 325                   | -98    | -98  |   |
|                | 1999   | 2 214                         | -236                      | 161                             | 352                                | 150                   | -250   | -348   |   |
|                | 2000   | 1 959                         | -255                      | 131                             | 483                                | 29                    | -245   | -593   |   |
|                | 2001   | 1 864                         | -95                       | 61                              | 544                                | 19                    | -44    | -637   |   |
|                | 2002   | 1 825                         | -39                       | 60                              | 604                                | 35                    | 37     | -600   |   |
|                | 2003   | 1 457                         | -368                      | 217                             | 821                                | 683                   | 497    | -103   |   |
| 2004           | 1 316  | -141                          | 132                       | 953                             | 575                                | -117                  | -220   |  |   |
| Spain**        | 1997   | 883                           |                           |                                 |                                    |                       |        |  |   |
|                | 1998   | 814                           | -69                       | 0                               | 0                                  | 0                     | -69    | -69  |   |
|                | 1999   | 808                           | -6                        | 0                               | 0                                  | 0                     | -6     | -75  |   |
|                | 2000   | 815                           | 7                         | 0                               | 0                                  | 0                     | 7      | -68  |   |
|                | 2001   | 816                           | 1                         | 0                               | 0                                  | 0                     | 1      | -67  |   |
|                | 2002   | 675                           | -141                      | 0                               | 0                                  | 0                     | -141   | -208   |   |
|                | 2003   | 671                           | -4                        | 0                               | 0                                  | 0                     | -4     | -212   |   |
| 2004           | 634    | -37                           | 0                         | 0                               | 0                                  | -37                   | -249   |  |   |
| France**       | 1997   | 774                           |                           |                                 |                                    |                       |        |  |   |
|                | 1998   | 799                           | 25                        | 0                               | 0                                  | 0                     | 25     | 25   |   |
|                | 1999   | 814                           | 15                        | 0                               | 0                                  | 0                     | 15     | 40   |   |
|                | 2000   | 817                           | 3                         | 0                               | 0                                  | 0                     | 3      | 43   |   |
|                | 2001   | 816                           | -1                        | 0                               | 0                                  | 0                     | -1     | 42   |   |
|                | 2002   | 811                           | -5                        | 0                               | 0                                  | 0                     | -5     | 37   |   |
|                | 2003   | 817                           | 6                         | 0                               | 0                                  | 0                     | 6      | 43   |   |
| 2004           | 787    | -30                           | 0                         | 0                               | 0                                  | -30                   | 13     |  |   |
| Ireland**      | 1997   | 7                             |                           |                                 |                                    |                       |        |  |   |
|                | 1998   | 7                             | 0                         | 0                               | 0                                  | 0                     | 0      | 0  |   |
|                | 1999   | 7                             | 0                         | 0                               | 0                                  | 0                     | 0      | 0  |   |
|                | 2000   | 2                             | -5                        | 0                               | 0                                  | 0                     | -5     | -5   |   |
|                | 2001   | 2                             | 0                         | 0                               | 0                                  | 0                     | 0      | -5   |   |
|                | 2002   | 2                             | 0                         | 0                               | 0                                  | 0                     | 0      | -5   |   |
|                | 2003   | 0                             | -2                        | 0                               | 0                                  | 0                     | -2     | -7   |   |
| 2004           | 0      | 0                             | 0                         | 0                               | 0                                  | 0                     | 0      |  |   |

2 844

Source: Elaboration by DG AGRI, based on communications from Member States

\* Harvested areas 2004: figures for EU15 plus Slovenia

\*\* The Czech Republic, Spain, France, Ireland, Poland and Slovakia do not apply special temporary measures