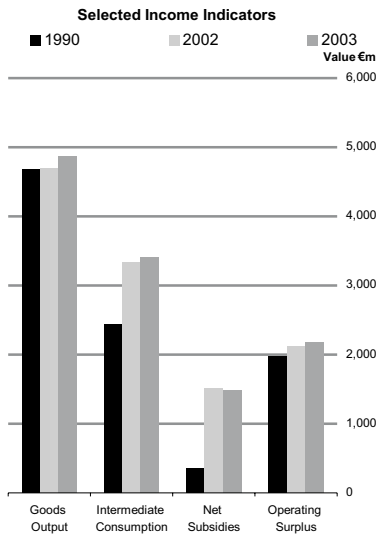




## Output, Input and Income in Agriculture 2003 – Final Estimate



|                 | Goods Output | Intermediate Consumption | Net Subsidies | Operating Surplus |
|-----------------|--------------|--------------------------|---------------|-------------------|
| <b>2002</b>     | €4,700m      | €3,331m                  | €1,506m       | €2,120m           |
| <b>2003</b>     | €4,873m      | €3,409m                  | €1,479m       | €2,175m           |
| <b>% change</b> | 3.7%         | 2.3%                     | -1.8%         | 2.6%              |

### Agricultural income up 2.6%

Agricultural income (operating surplus) for 2003 increased by 2.6% or €55m on the previous year, before deductions for interest payments and land rental. (See Table 1). Increases in the output values for the cattle and milk sectors in 2003 were offset by an increase in some input costs (most notably fertiliser costs) and a decrease in net subsidies.

These figures replace the preliminary estimates published in early February 2004. Actual outturn data are now used rather than the estimates used for the preliminary accounts release. The changes between the final and preliminary estimates are mainly due to revised cereal output and feedingstuffs data from the Department of Agriculture and Food, and to revised data for the potato harvest.

A comparison of the 2002 and 2003 figures shows that (see Table 1):

- ◆ The value of milk output increased by 2.0% or €28m.
- ◆ The value of cattle output increased by 5.5% or €65m
- ◆ The value of cereals output increased by 21.2% or €30m.
- ◆ The cost of feedingstuffs decreased by 2.9% (€27m), while the cost of fertilisers increased by 8.7% (€30m).
- ◆ Net subsidies decreased by 1.8% (€27m). In 2003 net subsidies accounted for 68.0% of agricultural income, compared to 71.1% in 2002.

Available estimates for operating surplus for 2002 and 2003 for all EU countries (EU-25) are given on page 10.

The base year for the calculation of volume indices has been changed from 1995 to 2000. In addition, there have been some data revisions. These are due to methodology improvements for selected account items (see Appendix 1 for details of data sources and methodology. See also the background notes on page 9).

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**Table 1 Output, Input and Income in Agriculture, 1990 - 2003**

€m

| Description                                | Estimated Value (at current prices) |                |                |                |                |                |                |                |                |                |                |                |                |                |
|--|-------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|  | 1990                                | 1991           | 1992           | 1993           | 1994           | 1995           | 1996           | 1997           | 1998           | 1999           | 2000           | 2001           | 2002           | 2003           |
| <b>Livestock (incl. stock changes)</b>     | <b>2,201.9</b>                      | <b>2,114.0</b> | <b>2,262.5</b> | <b>2,449.6</b> | <b>2,319.3</b> | <b>2,350.6</b> | <b>2,318.2</b> | <b>2,205.5</b> | <b>2,152.5</b> | <b>2,067.9</b> | <b>2,171.2</b> | <b>2,173.9</b> | <b>2,017.6</b> | <b>2,071.2</b> |
| Cattle                                     | 1,575.6                             | 1,477.4        | 1,603.5        | 1,758.7        | 1,614.0        | 1,660.6        | 1,482.7        | 1,382.6        | 1,385.0        | 1,330.7        | 1,382.1        | 1,260.3        | 1,179.0        | 1,244.0        |
| Pigs                                       | 237.2                               | 242.1          | 280.4          | 257.9          | 264.5          | 295.4          | 356.5          | 337.0          | 282.6          | 251.4          | 297.3          | 345.4          | 300.9          | 283.1          |
| Sheep                                      | 188.8                               | 198.9          | 192.8          | 232.4          | 230.2          | 190.7          | 241.8          | 230.0          | 214.0          | 198.0          | 203.4          | 284.3          | 202.1          | 193.2          |
| Horses                                     | 83.2                                | 70.2           | 61.4           | 84.5           | 75.9           | 70.1           | 96.8           | 106.9          | 128.7          | 150.0          | 164.3          | 146.5          | 200.7          | 213.7          |
| Poultry                                    | 117.1                               | 125.5          | 124.4          | 116.0          | 134.6          | 133.7          | 140.4          | 149.1          | 142.2          | 137.8          | 124.0          | 137.4          | 134.9          | 137.2          |
| <b>Livestock products</b>                  | <b>1,360.0</b>                      | <b>1,301.9</b> | <b>1,410.7</b> | <b>1,476.7</b> | <b>1,487.6</b> | <b>1,580.8</b> | <b>1,573.9</b> | <b>1,450.8</b> | <b>1,465.9</b> | <b>1,438.1</b> | <b>1,484.4</b> | <b>1,604.4</b> | <b>1,451.4</b> | <b>1,480.4</b> |
| Milk                                       | 1,316.3                             | 1,258.9        | 1,373.1        | 1,439.0        | 1,446.2        | 1,538.5        | 1,536.0        | 1,414.5        | 1,431.2        | 1,408.7        | 1,447.1        | 1,567.9        | 1,414.9        | 1,442.6        |
| Other products                             | 43.7                                | 43.0           | 37.6           | 37.7           | 41.4           | 42.3           | 37.9           | 36.3           | 34.7           | 29.3           | 37.2           | 36.6           | 36.5           | 37.8           |
| <b>Crops (incl. stock changes)</b>         | <b>1,123.7</b>                      | <b>1,116.0</b> | <b>1,142.6</b> | <b>1,089.5</b> | <b>1,145.2</b> | <b>1,206.7</b> | <b>1,257.4</b> | <b>1,092.7</b> | <b>1,122.4</b> | <b>1,177.6</b> | <b>1,239.7</b> | <b>1,312.3</b> | <b>1,230.6</b> | <b>1,321.3</b> |
| Barley                                     | 127.5                               | 123.4          | 132.4          | 94.0           | 73.7           | 110.1          | 123.5          | 92.7           | 84.3           | 106.8          | 114.2          | 105.3          | 73.1           | 102.2          |
| Wheat                                      | 79.3                                | 85.3           | 91.8           | 61.5           | 46.0           | 42.8           | 68.4           | 59.4           | 51.5           | 48.5           | 63.0           | 57.8           | 61.0           | 59.5           |
| Oats                                       | 9.8                                 | 10.0           | 11.2           | 10.3           | 7.6            | 6.5            | 9.1            | 7.9            | 7.3            | 8.8            | 7.9            | 6.7            | 7.6            | 10.0           |
| Potatoes                                   | 72.3                                | 88.8           | 97.3           | 83.4           | 127.7          | 130.5          | 94.7           | 52.6           | 103.1          | 118.0          | 58.7           | 98.1           | 96.5           | 98.7           |
| Sugar beet                                 | 70.5                                | 69.1           | 72.5           | 64.2           | 76.4           | 77.1           | 74.5           | 70.7           | 74.4           | 72.9           | 74.9           | 75.1           | 72.1           | 75.6           |
| Mushrooms                                  | 57.1                                | 63.5           | 64.8           | 68.1           | 76.3           | 78.0           | 92.3           | 101.9          | 106.7          | 111.4          | 114.8          | 115.6          | 137.7          | 124.5          |
| Other fresh vegetables                     | 54.0                                | 58.8           | 52.6           | 57.4           | 61.2           | 57.2           | 67.9           | 59.1           | 61.1           | 59.3           | 74.1           | 82.7           | 73.5           | 78.6           |
| Fresh fruit                                | 12.9                                | 14.0           | 11.7           | 9.8            | 14.3           | 18.5           | 20.5           | 9.6            | 15.5           | 8.4            | 7.1            | 17.0           | 22.9           | 30.4           |
| Turf                                       | 44.8                                | 47.7           | 45.8           | 39.8           | 30.6           | 30.8           | 30.2           | 28.0           | 22.0           | 24.1           | 22.5           | 26.5           | 27.8           | 34.2           |
| Other crops                                | 23.1                                | 22.8           | 21.3           | 20.6           | 19.4           | 27.1           | 35.7           | 36.4           | 36.1           | 44.2           | 46.2           | 48.6           | 50.6           | 52.8           |
| Forage plants                              | 572.2                               | 532.8          | 541.1          | 580.5          | 611.9          | 628.1          | 640.8          | 574.5          | 560.6          | 575.5          | 656.1          | 679.0          | 607.7          | 654.7          |
| <b>Goods output at producer prices</b>     | <b>4,685.6</b>                      | <b>4,532.0</b> | <b>4,815.8</b> | <b>5,015.8</b> | <b>4,952.0</b> | <b>5,138.1</b> | <b>5,149.5</b> | <b>4,749.1</b> | <b>4,740.8</b> | <b>4,683.6</b> | <b>4,895.2</b> | <b>5,090.7</b> | <b>4,699.5</b> | <b>4,873.0</b> |
| Contract work                              | 180.7                               | 172.0          | 179.8          | 199.5          | 205.3          | 212.4          | 220.9          | 225.2          | 225.3          | 245.4          | 258.1          | 279.2          | 248.3          | 244.5          |
| Subsidies on products                      | 408.9                               | 357.3          | 446.0          | 466.4          | 666.0          | 735.5          | 806.0          | 808.7          | 899.6          | 743.7          | 876.7          | 710.8          | 904.1          | 925.0          |
| Taxes on products                          | 75.0                                | 78.2           | 79.5           | 68.0           | 53.7           | 59.6           | 52.9           | 39.8           | 39.4           | 27.9           | 32.9           | 25.0           | 27.4           | 36.0           |
| <b>Agricultural output at basic prices</b> | <b>5,200.2</b>                      | <b>4,983.1</b> | <b>5,362.2</b> | <b>5,613.6</b> | <b>5,769.6</b> | <b>6,026.5</b> | <b>6,123.4</b> | <b>5,743.3</b> | <b>5,826.3</b> | <b>5,644.7</b> | <b>5,997.1</b> | <b>6,055.6</b> | <b>5,824.5</b> | <b>6,006.4</b> |

**Table 1 Output, Input and Income in Agriculture, 1990 - 2003 - continued**

€m

| Description                                 | Estimated Value (at current prices) |                |                |                |                |                |                |                |                |                |                |                |                |                |
|---|-------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|   | 1990                                | 1991           | 1992           | 1993           | 1994           | 1995           | 1996           | 1997           | 1998           | 1999           | 2000           | 2001           | 2002           | 2003           |
| <b>Agricultural output at basic prices</b>  | <b>5,200.2</b>                      | <b>4,983.1</b> | <b>5,362.2</b> | <b>5,613.6</b> | <b>5,769.6</b> | <b>6,026.5</b> | <b>6,123.4</b> | <b>5,743.3</b> | <b>5,826.3</b> | <b>5,644.7</b> | <b>5,997.1</b> | <b>6,055.6</b> | <b>5,824.5</b> | <b>6,006.4</b> |
| <b>Intermediate consumption</b>             | <b>2,430.9</b>                      | <b>2,375.7</b> | <b>2,387.1</b> | <b>2,551.0</b> | <b>2,733.0</b> | <b>2,859.6</b> | <b>3,029.6</b> | <b>2,861.3</b> | <b>2,951.4</b> | <b>3,032.3</b> | <b>3,155.6</b> | <b>3,381.7</b> | <b>3,331.4</b> | <b>3,408.9</b> |
| Feedingstuffs                               | 642.2                               | 646.5          | 668.5          | 733.4          | 818.6          | 809.5          | 808.8          | 749.7          | 831.2          | 860.9          | 829.9          | 871.7          | 950.5          | 923.1          |
| Fertilisers                                 | 326.0                               | 319.1          | 305.1          | 301.2          | 316.3          | 369.6          | 386.1          | 330.6          | 329.0          | 339.0          | 338.7          | 350.7          | 341.4          | 371.2          |
| Seeds                                       | 42.0                                | 43.8           | 46.4           | 46.8           | 49.9           | 60.6           | 66.1           | 65.8           | 66.1           | 55.6           | 59.6           | 68.2           | 74.4           | 80.9           |
| Energy and lubricants                       | 165.0                               | 164.8          | 155.4          | 158.9          | 158.8          | 161.2          | 186.7          | 187.4          | 185.8          | 189.5          | 217.7          | 242.8          | 221.5          | 227.9          |
| Maintenance and repairs                     | 226.2                               | 208.0          | 198.5          | 219.8          | 245.8          | 268.9          | 303.6          | 306.3          | 315.0          | 327.2          | 336.6          | 386.9          | 360.2          | 377.7          |
| Services                                    | 103.6                               | 106.2          | 107.1          | 114.1          | 114.1          | 122.3          | 165.3          | 163.4          | 166.5          | 171.0          | 194.6          | 229.4          | 242.6          | 245.3          |
| Crop protection products                    | 47.4                                | 50.4           | 55.2           | 57.0           | 57.5           | 60.2           | 67.0           | 69.5           | 72.3           | 69.9           | 67.4           | 60.5           | 73.0           | 65.1           |
| Veterinary pharmaceutical products          | 71.1                                | 75.3           | 77.0           | 79.7           | 92.5           | 94.3           | 93.5           | 101.5          | 104.7          | 99.5           | 100.2          | 106.9          | 109.9          | 112.0          |
| Other goods (detergents, small tools, etc.) | 73.2                                | 75.3           | 72.2           | 79.8           | 81.4           | 89.7           | 109.3          | 103.7          | 108.0          | 110.3          | 108.1          | 118.6          | 111.6          | 115.7          |
| Forage plants                               | 553.3                               | 514.3          | 521.9          | 560.7          | 592.7          | 610.9          | 622.3          | 558.1          | 547.6          | 564.1          | 644.7          | 667.0          | 597.8          | 645.5          |
| Contract work                               | 180.7                               | 172.0          | 179.8          | 199.5          | 205.3          | 212.4          | 220.9          | 225.2          | 225.3          | 245.4          | 258.1          | 279.2          | 248.3          | 244.5          |
| <b>Gross value added at basic prices</b>    | <b>2,769.3</b>                      | <b>2,607.4</b> | <b>2,975.1</b> | <b>3,062.6</b> | <b>3,036.6</b> | <b>3,166.9</b> | <b>3,093.8</b> | <b>2,881.9</b> | <b>2,874.9</b> | <b>2,612.4</b> | <b>2,841.5</b> | <b>2,673.9</b> | <b>2,493.1</b> | <b>2,597.5</b> |
| <b>Fixed capital consumption</b>            | <b>431.9</b>                        | <b>444.9</b>   | <b>450.2</b>   | <b>457.4</b>   | <b>471.5</b>   | <b>496.4</b>   | <b>517.3</b>   | <b>532.2</b>   | <b>546.6</b>   | <b>564.9</b>   | <b>585.1</b>   | <b>610.1</b>   | <b>625.0</b>   | <b>627.5</b>   |
| Machinery, equipment, etc.                  | 325.5                               | 331.7          | 332.4          | 335.5          | 346.5          | 366.2          | 382.6          | 389.1          | 397.5          | 409.1          | 417.9          | 422.6          | 427.6          | 428.4          |
| Farm buildings                              | 106.4                               | 113.2          | 117.8          | 121.9          | 125.0          | 130.2          | 134.7          | 143.0          | 149.1          | 155.8          | 167.2          | 187.6          | 197.4          | 199.1          |
| <b>Net value added at basic prices</b>      | <b>2,337.4</b>                      | <b>2,162.5</b> | <b>2,524.8</b> | <b>2,605.2</b> | <b>2,565.2</b> | <b>2,670.5</b> | <b>2,576.5</b> | <b>2,349.8</b> | <b>2,328.3</b> | <b>2,047.5</b> | <b>2,256.5</b> | <b>2,063.8</b> | <b>1,868.1</b> | <b>1,970.0</b> |
| Other subsidies less taxes on production    | 16.9                                | 12.2           | 34.4           | 30.6           | 114.5          | 130.0          | 252.9          | 296.0          | 324.7          | 343.5          | 360.6          | 581.5          | 629.6          | 589.9          |
| <b>Factor income</b>                        | <b>2,354.3</b>                      | <b>2,174.6</b> | <b>2,559.2</b> | <b>2,635.9</b> | <b>2,679.7</b> | <b>2,800.5</b> | <b>2,829.5</b> | <b>2,645.8</b> | <b>2,653.0</b> | <b>2,391.0</b> | <b>2,617.1</b> | <b>2,645.3</b> | <b>2,497.7</b> | <b>2,559.9</b> |
| Compensation of employees                   | 377.6                               | 362.5          | 336.8          | 339.0          | 345.2          | 362.7          | 343.2          | 348.4          | 359.9          | 374.9          | 381.9          | 371.5          | 378.2          | 385.1          |
| <b>Operating surplus<sup>1</sup></b>        | <b>1,976.7</b>                      | <b>1,812.1</b> | <b>2,222.4</b> | <b>2,296.9</b> | <b>2,334.5</b> | <b>2,437.8</b> | <b>2,486.2</b> | <b>2,297.4</b> | <b>2,293.1</b> | <b>2,016.1</b> | <b>2,235.1</b> | <b>2,273.8</b> | <b>2,119.6</b> | <b>2,174.8</b> |

<sup>1</sup> This is calculated before deduction of interest payments on borrowed capital and land rental paid by farmers to landowners. The estimates for these items are:

Interest:- 1990,€301.4m; 1991,€276.2m; 1992,€280.6m; 1993,€211.5m; 1994,€175.3m; 1995,€209.4m; 1996,€213.4m; 1997,€238.9m; 1998,€263.0m; 1999,€236.8m; 2000,€272.2m; 2001,€254.6m; 2002,€264.5m; 2003,€245.5m.

Land rental:- 1990,€98.8m; 1991,€96.5m; 1992,€99.2m; 1993,€99.7m; 1994,€107.5m; 1995,€110.4m; 1996,€133.4m; 1997,€153.2m; 1998,€151.6m; 1999,€161.3m; 2000,€184.3m; 2001,€195.9m; 2002,€182.3m; 2003,€184.8m.

**Table 2 Agricultural Output, 1990 - 2003**

| Description  | Unit           | Estimated Quantity |        |        |        |        |        |        |        |        |        |        |        |        |        |
|--|----------------|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|  |                | 1990               | 1991   | 1992   | 1993   | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   |
| <b>Livestock<sup>1</sup> (incl. stock changes)</b> |                |                    |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Cattle   | 000            | 1,888              | 1,894  | 1,977  | 1,997  | 1,908  | 1,983  | 2,051  | 2,058  | 2,157  | 2,132  | 2,061  | 2,072  | 1,830  | 1,956  |
| Pigs   | 000            | 2,533              | 2,645  | 2,822  | 2,975  | 2,994  | 3,020  | 3,255  | 3,478  | 3,645  | 3,510  | 3,280  | 3,351  | 3,380  | 3,207  |
| Sheep  | 000            | 4,096              | 4,344  | 4,600  | 4,778  | 4,397  | 3,906  | 3,968  | 3,786  | 4,042  | 4,018  | 3,614  | 3,457  | 3,100  | 2,945  |
| Poultry  | 000            | 50,917             | 50,210 | 52,991 | 49,861 | 56,692 | 50,982 | 49,387 | 57,600 | 60,367 | 61,592 | 59,462 | 60,845 | 60,427 | 63,450 |
| <b>Livestock products</b>                          |                |                    |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Milk   | million litres | 5,179              | 5,123  | 5,167  | 5,109  | 5,176  | 5,187  | 5,194  | 5,151  | 4,990  | 5,018  | 5,048  | 5,220  | 5,074  | 5,235  |
| Eggs   | million        | 576                | 655    | 618    | 619    | 563    | 572    | 482    | 477    | 487    | 456    | 568    | 550    | 583    | 559    |
| <b>Crops (incl. stock changes)</b>                 |                |                    |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Barley   | 000 tonnes     | 863                | 853    | 967    | 727    | 648    | 777    | 990    | 940    | 817    | 976    | 1,077  | 982    | 740    | 899    |
| Wheat  | 000 tonnes     | 536                | 574    | 663    | 443    | 394    | 292    | 553    | 601    | 488    | 442    | 608    | 493    | 628    | 495    |
| Oats   | 000 tonnes     | 69                 | 73     | 81     | 74     | 72     | 51     | 75     | 83     | 74     | 79     | 81     | 69     | 78     | 94     |
| Potatoes   | 000 tonnes     | 470                | 435    | 493    | 429    | 492    | 465    | 584    | 355    | 368    | 441    | 355    | 376    | 371    | 383    |
| Sugar beet   | 000 tonnes     | 1,484              | 1,409  | 1,397  | 1,117  | 1,390  | 1,547  | 1,476  | 1,407  | 1,399  | 1,405  | 1,418  | 1,372  | 1,296  | 1,355  |
| Mushrooms  | 000 tonnes     | 37                 | 39     | 41     | 45     | 49     | 49     | 54     | 57     | 62     | 65     | 60     | 68     | 69     | 69     |
| Turf   | 000 tonnes     | 972                | 985    | 937    | 814    | 625    | 631    | 619    | 573    | 450    | 492    | 460    | 501    | 416    | 457    |

<sup>1</sup> The output of cattle, sheep and pigs includes estimates for cross-border trade in live animals.

**Table 3 Livestock and Crop Stock Changes, 1990 - 2003**

| Description   | Unit      | 1990         | 1991        | 1992         | 1993         | 1994        | 1995        | 1996         | 1997         | 1998        | 1999          | 2000          | 2001         | 2002         | 2003         |
|---------------|-----------|--------------|-------------|--------------|--------------|-------------|-------------|--------------|--------------|-------------|---------------|---------------|--------------|--------------|--------------|
| <b>Value</b>  | <b>€m</b> | <b>102.2</b> | <b>28.1</b> | <b>101.0</b> | <b>-13.3</b> | <b>59.2</b> | <b>65.5</b> | <b>124.6</b> | <b>119.6</b> | <b>43.3</b> | <b>-178.5</b> | <b>-150.9</b> | <b>-14.2</b> | <b>-39.8</b> | <b>-43.0</b> |
| Cattle        | €m        | 83.5         | 20.0        | 88.7         | 1.4          | 61.1        | 68.0        | 121.6        | 113.0        | 50.9        | -172.8        | -130.9        | -5.0         | -32.5        | -48.1        |
| Pigs          | €m        | 7.6          | 5.2         | 4.5          | 2.5          | 0.4         | 4.3         | 8.1          | 2.0          | 4.5         | -1.9          | 1.3           | 1.7          | 0.4          | -1.2         |
| Sheep         | €m        | 10.4         | 4.6         | 6.2          | -7.2         | -9.5        | -9.3        | -8.7         | 8.3          | -1.3        | -10.2         | -12.0         | -15.3        | -2.3         | -0.9         |
| Poultry       | €m        | 3.3          | 3.3         | -0.3         | -1.0         | 7.8         | 1.7         | 1.6          | 0.0          | -0.5        | 3.2           | -7.6          | 2.1          | -2.6         | -2.1         |
| Crops         | €m        | -2.7         | -5.1        | 1.8          | -9.1         | -0.7        | 0.8         | 2.0          | -3.7         | -10.3       | 3.1           | -1.8          | 2.3          | -2.8         | 9.4          |
| <b>Number</b> |           |              |             |              |              |             |             |              |              |             |               |               |              |              |              |
| Cattle        | 000       | 131.5        | 46.8        | 89.0         | 27.5         | 80.0        | 106.8       | 210.3        | 220.7        | 70.1        | -393.8        | -227.7        | 77.9         | -75.2        | -109.4       |
| Pigs          | 000       | 139.0        | 96.4        | 77.1         | 64.6         | 11.1        | 44.0        | 122.2        | 52.5         | 83.9        | -38.0         | -0.8          | 31.5         | 18.5         | -49.9        |
| Sheep         | 000       | 149.8        | 118.9       | 126.6        | -142.7       | -226.9      | -196.2      | -201.6       | 235.3        | -18.1       | -240.5        | -262.5        | -249.1       | 21.5         | 21.6         |
| Poultry       | 000       | 1,502.4      | 482.3       | 131.9        | 707.4        | 1,307.5     | -524.4      | 418.5        | -294.2       | -226.0      | 757.7         | -1,390.4      | -375.7       | -2.9         | 57.3         |

**Table 4 Selected Volume Indices, 1990 - 2003**

Base year: 2000=100

| Description                              | 1990         | 1991         | 1992         | 1993         | 1994         | 1995         | 1996         | 1997         | 1998         | 1999         | 2000         | 2001         | 2002        | 2003         |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|
| <b>Goods output at producer prices</b>   | <b>96.8</b>  | <b>96.4</b>  | <b>99.9</b>  | <b>97.9</b>  | <b>96.7</b>  | <b>97.8</b>  | <b>102.1</b> | <b>100.3</b> | <b>100.1</b> | <b>101.1</b> | <b>100.0</b> | <b>101.3</b> | <b>96.1</b> | <b>100.0</b> |
| <b>Livestock<sup>1</sup></b>             | <b>93.6</b>  | <b>95.0</b>  | <b>100.1</b> | <b>98.5</b>  | <b>93.6</b>  | <b>96.2</b>  | <b>102.0</b> | <b>103.2</b> | <b>106.3</b> | <b>106.4</b> | <b>100.0</b> | <b>100.9</b> | <b>95.2</b> | <b>99.4</b>  |
| Cattle                                   | 99.3         | 99.2         | 104.6        | 100.7        | 91.5         | 98.2         | 104.6        | 104.4        | 107.9        | 107.2        | 100.0        | 99.4         | 92.1        | 97.7         |
| Pigs                                     | 68.1         | 72.6         | 78.8         | 84.4         | 86.5         | 89.0         | 96.3         | 103.2        | 108.0        | 105.9        | 100.0        | 102.1        | 101.6       | 100.5        |
| Sheep                                    | 112.3        | 117.8        | 125.0        | 129.8        | 119.6        | 104.5        | 107.9        | 101.5        | 110.5        | 110.8        | 100.0        | 96.3         | 82.1        | 79.1         |
| Horses                                   | 78.3         | 76.8         | 81.2         | 78.2         | 84.8         | 77.6         | 82.9         | 91.4         | 83.5         | 91.0         | 100.0        | 111.0        | 119.2       | 132.6        |
| Poultry                                  | 81.4         | 88.3         | 84.9         | 83.2         | 101.9        | 102.1        | 103.6        | 108.5        | 107.9        | 110.8        | 100.0        | 107.5        | 103.5       | 105.2        |
| <b>Livestock products</b>                | <b>106.6</b> | <b>105.5</b> | <b>106.0</b> | <b>105.1</b> | <b>105.7</b> | <b>105.7</b> | <b>105.3</b> | <b>103.9</b> | <b>99.4</b>  | <b>99.1</b>  | <b>100.0</b> | <b>102.2</b> | <b>99.7</b> | <b>102.6</b> |
| Milk                                     | 106.8        | 105.3        | 105.9        | 105.0        | 105.9        | 105.8        | 105.7        | 104.3        | 99.6         | 99.4         | 100.0        | 102.4        | 99.7        | 102.8        |
| <b>Crops<sup>1</sup></b>                 | <b>90.6</b>  | <b>87.9</b>  | <b>92.1</b>  | <b>88.0</b>  | <b>91.4</b>  | <b>91.0</b>  | <b>98.2</b>  | <b>91.0</b>  | <b>90.0</b>  | <b>94.4</b>  | <b>100.0</b> | <b>101.1</b> | <b>93.6</b> | <b>98.1</b>  |
| Barley                                   | 81.4         | 79.3         | 91.2         | 69.2         | 62.3         | 70.6         | 93.2         | 86.7         | 77.1         | 91.4         | 100.0        | 90.8         | 69.1        | 83.3         |
| Wheat                                    | 89.0         | 93.7         | 110.8        | 74.0         | 67.2         | 47.3         | 91.2         | 100.1        | 81.3         | 72.7         | 100.0        | 81.1         | 103.5       | 79.7         |
| Potatoes                                 | 153.8        | 137.6        | 159.1        | 134.9        | 161.9        | 157.3        | 180.7        | 115.7        | 112.8        | 138.3        | 100.0        | 118.3        | 112.7       | 116.4        |
| Sugar beet                               | 104.3        | 98.9         | 100.0        | 78.9         | 97.9         | 107.7        | 104.0        | 97.9         | 98.6         | 98.7         | 100.0        | 96.8         | 91.0        | 96.4         |
| Fresh vegetables                         | 80.0         | 83.5         | 84.1         | 87.9         | 92.7         | 87.9         | 91.9         | 91.0         | 96.4         | 101.3        | 100.0        | 107.9        | 104.6       | 106.5        |
| <b>Intermediate consumption</b>          | <b>83.6</b>  | <b>81.9</b>  | <b>81.7</b>  | <b>86.6</b>  | <b>91.8</b>  | <b>94.0</b>  | <b>97.0</b>  | <b>93.8</b>  | <b>98.2</b>  | <b>100.1</b> | <b>100.0</b> | <b>102.1</b> | <b>98.1</b> | <b>98.0</b>  |
| Feedingstuffs                            | 66.8         | 73.5         | 75.6         | 82.9         | 92.2         | 92.9         | 88.3         | 85.0         | 99.2         | 105.6        | 100.0        | 101.4        | 107.9       | 104.0        |
| Fertilisers                              | 103.4        | 98.4         | 95.8         | 100.7        | 103.4        | 110.9        | 109.8        | 97.8         | 103.2        | 105.0        | 100.0        | 88.9         | 87.6        | 94.2         |
| Seeds                                    | 78.5         | 78.0         | 78.7         | 75.3         | 93.6         | 103.9        | 121.6        | 133.8        | 122.4        | 94.2         | 100.0        | 127.8        | 133.4       | 126.5        |
| Energy and lubricants                    | 102.2        | 100.2        | 99.5         | 99.1         | 100.9        | 101.5        | 110.4        | 108.4        | 110.2        | 106.5        | 100.0        | 113.6        | 103.2       | 100.3        |
| Maintenance and repairs                  | 92.2         | 81.0         | 74.0         | 79.6         | 88.8         | 94.0         | 103.9        | 102.1        | 103.2        | 102.7        | 100.0        | 106.2        | 95.4        | 97.1         |
| Services                                 | 72.1         | 70.5         | 69.0         | 72.3         | 69.0         | 72.4         | 95.4         | 90.6         | 90.2         | 91.2         | 100.0        | 108.7        | 105.4       | 103.2        |
| Crop protection products                 | 81.5         | 84.2         | 91.3         | 92.1         | 89.8         | 91.7         | 98.7         | 102.8        | 106.5        | 103.2        | 100.0        | 89.1         | 106.7       | 95.2         |
| Veterinary pharmaceutical products       | 91.9         | 92.0         | 91.0         | 92.0         | 107.2        | 107.0        | 104.8        | 110.8        | 110.7        | 104.1        | 100.0        | 104.5        | 104.1       | 102.4        |
| <b>Gross value added at basic prices</b> | <b>101.9</b> | <b>104.2</b> | <b>107.5</b> | <b>102.2</b> | <b>96.8</b>  | <b>105.7</b> | <b>110.2</b> | <b>111.8</b> | <b>110.2</b> | <b>102.9</b> | <b>100.0</b> | <b>94.2</b>  | <b>89.2</b> | <b>95.7</b>  |

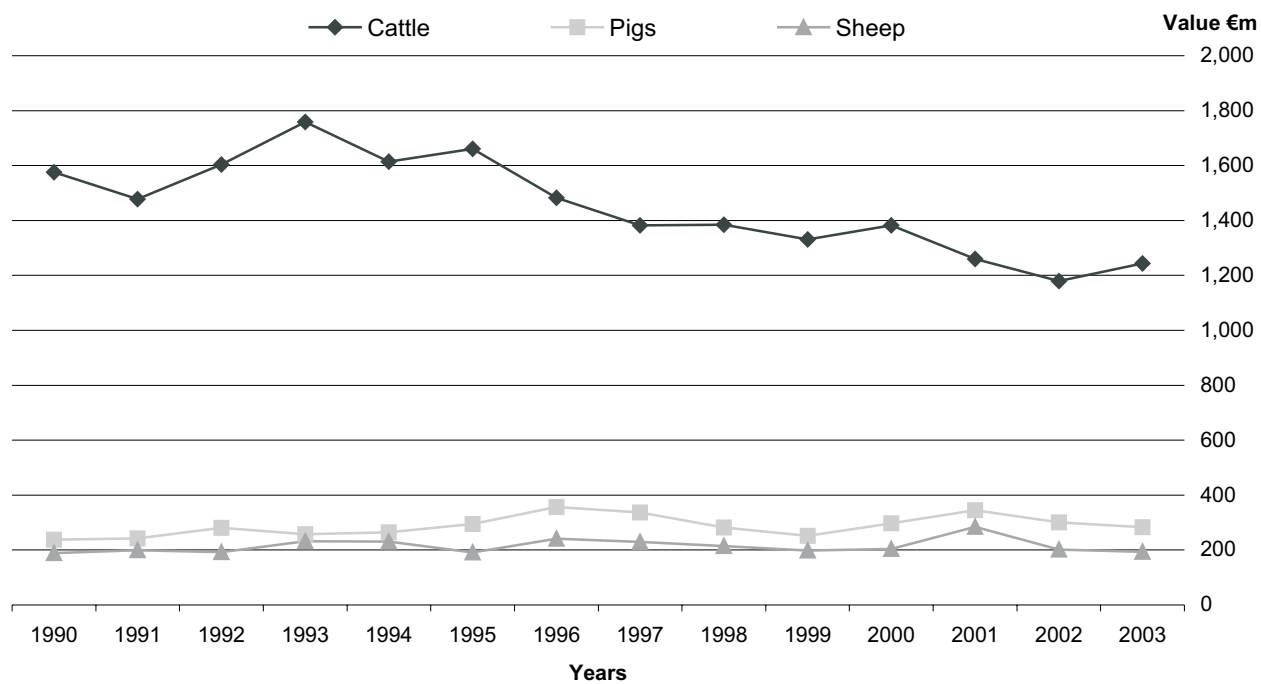
<sup>1</sup>Including changes in stocks

**Table 5 Subsidies on Products, 1990 - 2003**

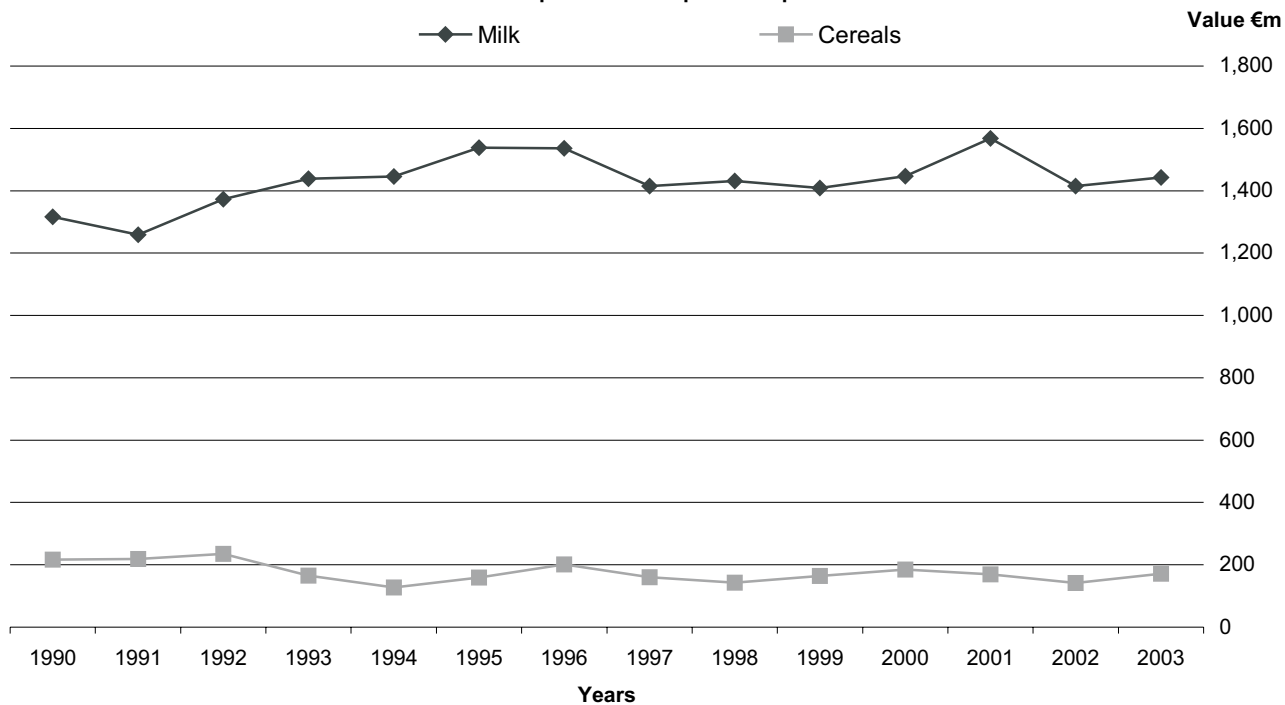
€m

| Subsidy type                 | Estimated Value (at current prices) |              |              |              |              |              |              |              |              |              |              |              |              |              |
|------------------------------|-------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                              | 1990                                | 1991         | 1992         | 1993         | 1994         | 1995         | 1996         | 1997         | 1998         | 1999         | 2000         | 2001         | 2002         | 2003         |
| <b>Subsidies on products</b> | <b>408.9</b>                        | <b>357.3</b> | <b>446.0</b> | <b>466.4</b> | <b>666.0</b> | <b>735.5</b> | <b>806.0</b> | <b>808.7</b> | <b>899.6</b> | <b>743.7</b> | <b>876.7</b> | <b>710.8</b> | <b>904.1</b> | <b>925.0</b> |
| Cattle                       | 209.4                               | 179.5        | 273.1        | 219.8        | 414.2        | 481.6        | 530.2        | 570.8        | 623.5        | 460.2        | 632.7        | 512.6        | 675.7        | 695.0        |
| Sheep                        | 199.1                               | 176.9        | 170.6        | 186.4        | 175.4        | 163.0        | 172.4        | 123.9        | 148.3        | 155.3        | 133.6        | 82.0         | 108.3        | 109.3        |
| Cereals                      | 0.0                                 | 0.0          | 0.0          | 48.5         | 71.2         | 85.9         | 97.9         | 106.7        | 100.4        | 94.6         | 99.7         | 108.4        | 112.4        | 113.1        |
| Other subsidies on products  | 0.4                                 | 0.9          | 2.3          | 11.6         | 5.2          | 5.1          | 5.4          | 7.4          | 27.4         | 33.6         | 10.6         | 7.8          | 7.6          | 7.5          |

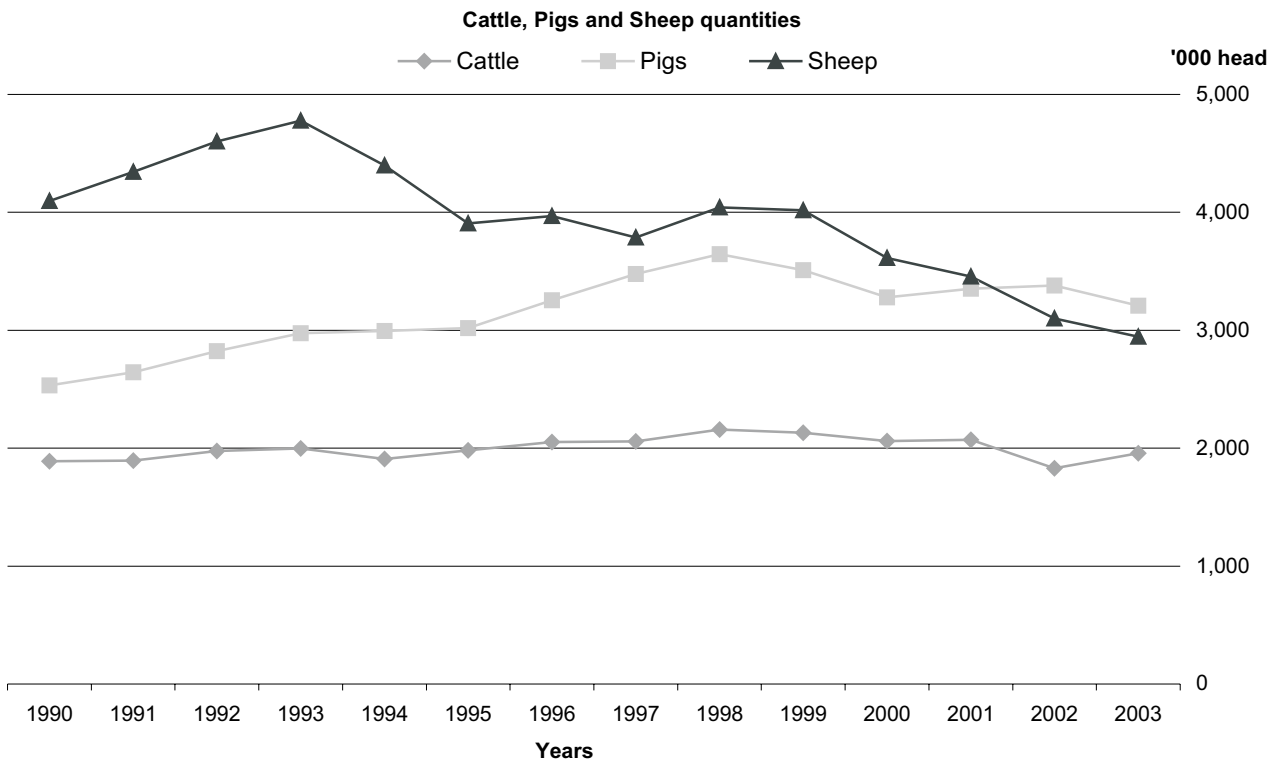
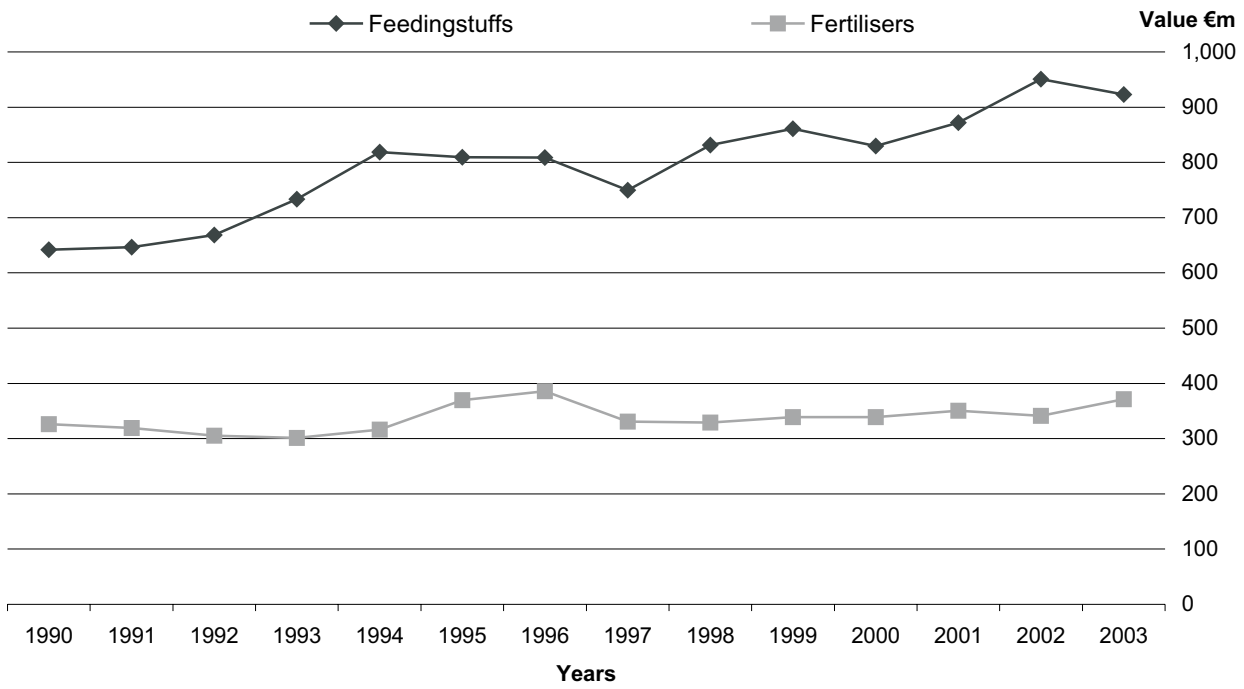
Cattle, Pigs and Sheep output at current producer prices 1990 - 2003



Milk and Cereals output at current producer prices 1990 - 2003



**Intermediate Consumption of Retail Feedingstuffs and Fertilisers 1990 - 2003**





## Background notes

- Introduction** This release contains final estimates of agricultural accounts for 2003, as well as revised estimates for 1990-2002. Three estimates are prepared in each 12-month period for the agricultural accounts. The first or advance estimates are generally released in early December of the reference year for which the accounts are prepared. In February of the year following the reference year preliminary estimates are prepared. These update the first estimates using the results of the December livestock survey and other updated data sources. In June of the year following the reference year the final estimates of the agricultural accounts are prepared. The estimates are based on a methodology arising from the revision of the System of National Accounts in 1995. For details of this methodology see the “Output, Input and Income in Agriculture” release of 2 July 2002. For details of data sources and further methodology notes see Appendix 1.
- Producer price** This is the price received by the farmer. It is sometimes referred to as the farm-gate or ex-farm price. It excludes VAT.
- Subsidies and taxes on products** Subsidies and taxes on products are those paid or levied per unit on a good or service produced or imported. The subsidy or tax is typically a specific amount of money per unit of quantity of a good or service. Examples of subsidies on products are compensatory aid for arable crops and premiums for ewes. The bovine disease eradication levy is an example of a tax on products. These subsidies and taxes are included in the calculation of output.
- Other subsidies and taxes on production** Other subsidies on production are subsidies other than those on products. Examples are payments for land set-aside, the rural environmental protection scheme and the area based compensatory allowance scheme. Taxes on production consist of VAT over-/under-compensation from farmers who have opted for the flat rate VAT system, and motor taxation paid by farmers. Other subsidies less taxes on production are not included in the calculation of output, but are included in the calculation of operating surplus.
- Net subsidies** Net subsidies are subsidies on products plus subsidies on production less taxes on products and taxes on production.
- Basic price** The basic price corresponds to the producer price plus any subsidies directly linked to a product minus any taxes on products. VAT is excluded.
- Valuation of stock changes** For each category, the difference between closing year stocks and opening year stocks is valued at the average price for the year.
- Forage plants** The production of forage plants is valued as part of output. Silage and hay are the main items in this category. *This release also introduces, for recent years, an estimate for the value of the maize crop grown in Ireland.* Direct sales of cereals between farms and use of cereals within farms are also included under forage plants. These items are also treated as intermediate consumption with minor exceptions, such as sales of straw to racing stables.
- Contract work** Activities performed by agricultural contractors directly linked to the production of agricultural products (for example harvesting) are an integral part of agriculture. The value of such work is included as output and also as intermediate consumption. *This release also includes, for the first time, estimates of the input costs incurred by agricultural contractors in the provision of their agricultural service. These costs are included under the appropriate intermediate consumption categories, as well as in the compensation of employees figure.*
- Fixed capital consumption** This relates to the foreseeable wear and tear and obsolescence of fixed capital goods. It is calculated on the basis of the probable economic life of the asset. It is not calculated for breeding livestock or for non-produced assets such as land.
- Compensation of employees** This includes remuneration in cash and in kind. It does not include the remuneration of work undertaken by the farmer or by non-salaried family farm members.
- Operating surplus** The operating surplus figure is comprised of the operating surplus earned by farmers and that earned by agricultural contractors. The part earned by farmers is an approximation for the income indicator used under the old agriculture accounts methodology. It is calculated before deductions

for interest payments on borrowed capital and before deductions for land annuities and for rent paid by farmers to landowners for the use of their land.

**Volume indices** These are calculated by applying base year prices (2000) to current year quantities. The volume index for 2003 is calculated by comparing the total value in 2003 at average 2000 prices against the total value in 2000 at average 2000 prices.

### Operating Surplus, 2002 - 2003

| €m                                   |               |               |             |
|--------------------------------------|---------------|---------------|-------------|
| Country                              | 2002          | 2003          | % change    |
| <b>European Union 25<sup>1</sup></b> | :             | <b>94,045</b> | :           |
| <b>European Union 15<sup>2</sup></b> | <b>90,283</b> | <b>90,364</b> | <b>0.1%</b> |
| Austria                              | 2,077         | 1,920         | -7.6%       |
| Belgium                              | 1,967         | 2,171         | 10.4%       |
| Cyprus                               | :             | 435           | :           |
| Czech Republic                       | 25            | 36            | 40.7%       |
| Denmark                              | 1,647         | 1,391         | -15.5%      |
| Estonia                              | 30            | 17            | -44.0%      |
| Finland                              | 1,679         | 1,566         | -6.8%       |
| France                               | 18,129        | 18,055        | -0.4%       |
| Germany                              | 6,602         | 5,140         | -22.1%      |
| Greece                               | 7,565         | 7,733         | 2.2%        |
| Hungary                              | 1,022         | 755           | -26.1%      |
| Ireland                              | 2,120         | 2,175         | 2.6%        |
| Italy                                | 15,344        | 15,377        | 0.2%        |
| Latvia                               | 161           | 139           | -14.1%      |
| Lithuania                            | 143           | 138           | -3.6%       |
| Luxembourg                           | 92            | 90            | -1.6%       |
| Malta                                | 65            | 61            | -6.5%       |
| Netherlands                          | 4,085         | 4,092         | 0.2%        |
| Poland                               | 2,570         | 1,913         | -25.5%      |
| Portugal                             | 2,342         | 2,479         | 5.9%        |
| Slovak Republic                      | 91            | -7            | -107.4%     |
| Slovenia                             | 288           | 194           | -32.6%      |
| Spain                                | 19,806        | 20,533        | 3.7%        |
| Sweden                               | 1,061         | 1,007         | -5.0%       |
| United Kingdom                       | 5,767         | 6,634         | 15.0%       |

Source: Eurostat

: Not available

<sup>1</sup> European Union states from 1 May 2004

<sup>2</sup> European Union states prior to 1 May 2004

### Appendix 1

#### Agriculture Output, Input and Income in Agriculture: Data Sources and Methodology

Description of the data sources and methodology used in compiling 1990-2003 Agricultural Accounts data at base 2000=100.

| Item   | Data source for quantity  | Data source for price / value  |
|--|---|--|
| <b>Cattle</b>  |   |  |
| 1. Export factory slaughterings                        | Department of Agriculture and Food (DAF) – monthly reporting of numbers and weight of cattle slaughtered (by category of cattle). | DAF beef price-reporting scheme.   |
| 2. Local authority slaughterings                       | CSO monthly survey of categories of cattle slaughtered in local authority licensed abattoirs.                                     | DAF beef price-reporting scheme for bull slaughterings and CSO survey of prices at livestock marts for other categories of cattle. |
| 3. Live Cattle exports                                 | DAF portal survey and CMMS data, and CSO Trade statistics.  | CSO Trade statistics & DAF for data on export refunds.   |
| 4. Live Cattle imports                                 | CSO Trade statistics.   | CSO Trade statistics.  |
| 5. Change in stock numbers                             | CSO December enumeration of livestock numbers.  | CSO price statistics.  |
| 6. Subsidies on product                                | DAF.  | DAF.   |
| 7. Levies on product                                   | DAF.  | DAF and Bord Bia.  |
| 8. Total Cattle output at basic prices = 1+2+3-4+5+6-7 |   |  |
| <b>Sheep</b>   |   |  |
| 1. Export factory slaughterings                        | DAF monthly reporting of numbers and weight of sheep slaughtered (by category of sheep).  | CSO survey of prices.  |
| 2. Local authority slaughterings                       | CSO monthly survey of categories of sheep slaughtered in local authority licensed abattoirs.                                      | CSO survey of prices.  |
| 3. Live Sheep exports                                  | DAF and CSO Trade statistics.   | Average kill or stock valuation by category of sheep.  |

| Item   | Data source for quantity  | Data source for price / value                         |
|--|---|---|
| 4. Live Sheep imports                                    | DAF and CSO Trade statistics.   | Average kill or stock valuation by category of sheep. |
| 5. Change in stock numbers                               | CSO December enumeration of livestock numbers.  | CSO price statistics.                                 |
| 6. Subsidies on product                                  | DAF.  | DAF.  |
| 7. Levies on product                                     | DAF.  | Bord Bia.   |
| 8. Total Sheep output at basic prices<br>= 1+2+3-4+5+6-7 |   |   |
| <b>Pigs</b>  |   |   |
| 1. Export factory slaughterings                          | CSO monthly survey of categories of pigs slaughtered in licensed export factories.  | CSO survey of prices.                                 |
| 2. Local authority slaughterings                         | CSO monthly survey of categories of pigs slaughtered in local authority licensed abattoirs.   | CSO survey of prices.                                 |
| 3. Live pig exports                                      | DAF and CSO Trade statistics.   | Average kill or stock valuation by category of pig.   |
| 4. Live pig imports                                      | DAF and CSO Trade statistics.   | Average kill or stock valuation by category of pig.   |
| 5. Change in stock numbers                               | CSO December enumeration of livestock numbers.  | CSO price statistics.                                 |
| 6. Subsidies on product                                  | n/a.  | n/a.  |
| 7. Levies on product                                     | DAF.  | Bord Bia.   |
| 8. Total Pigs output at basic prices = 1+2+3-4+5+6-7     |   |   |
| <b>Horses</b>  |   |   |
| 1. Thoroughbred Horses                                   | Numbers of yearling sales supplied by public selling points (for example Goffs). CSO survey of stud farms used for earnings from nomination and boarding fees. Non-public sales are estimated by CSO. | Public selling points and CSO survey of stud farms.   |

| Item  | Data source for quantity  | Data source for price / value   |
|---|---|---|
| 2. Replacement and Salvage Costs<br><br>3. Non-thoroughbred Horses<br><br>4. Subsidies on product<br><br>5. Total Horse output at basic prices = 1+2+3+4                          | CSO estimate.<br><br>Irish Horse Board (IHB) for sales of registered non-thoroughbred horses. Non-IHB sales are estimated by CSO.<br><br>DAF.   | CSO estimate.<br><br>IHB and CSO estimate.<br><br>DAF.                                      |
| <b>Poultry</b><br>1. Ordinary fowl by category of bird<br><br>2. Turkeys<br><br>3. Other fowl<br><br>4. Total Poultry at producer prices = 1+2+3                                  | Quantity of sales, slaughterings, imports and exports provided by DAF. Stock change data provided by CSO December enumeration. Estimates for own consumption determined in conjunction with DAF.<br><br>Quantity of sales, slaughterings, imports and exports provided by DAF. Stock change data provided by CSO December enumeration. Estimates for own consumption determined in conjunction with DAF.<br><br>DAF and CSO December enumeration. | CSO price statistics.<br><br>CSO price statistics.<br><br>CSO price statistics.             |
| <b>Milk</b><br>1. Liquid Milk<br><br>2. Manufacturing Milk<br><br>3. Own Consumption<br><br>4. Levies (including superlevy)<br><br>5. Total Milk Output at basic prices = 1+2+3-4 | CSO monthly survey of processors.<br><br>CSO monthly survey of processors.<br><br>Estimate based on number of dairy farms and average consumption per farm.<br><br>DAF.   | CSO price statistics.<br><br>CSO price statistics.<br><br>CSO price statistics.<br><br>DAF. |

| Item  | Data source for quantity  | Data source for price / value  |
|---|---|--|
| <b>Eggs</b><br>1. Egg layers<br><br>2. Own Consumption<br><br>3. Exports<br><br>4. Imports<br><br>5. Total Egg Output at producer prices = 1+2+3-4  | Census of Agriculture (COA) data for number of relevant birds (adjusted for non-census years). Laying rate determined in conjunction with DAF.<br><br>CSO estimate.<br><br>Estimate determined in conjunction with DAF.<br><br>Estimate determined in conjunction with DAF. | CSO price statistics.<br><br>CSO price statistics.<br><br>CSO price statistics.<br><br>CSO price statistics. |
| <b>Wool</b><br>1. Total Wool output at producer prices  | Numbers of sheep determined from CSO December enumeration of livestock. Breed type of sheep determined from COA. Average fleece weight by breed provided by Teagasc.  | CSO wool price index applied to Teagasc base year price.   |
| <b>Honey</b><br>1. Home Sales<br><br>2. Own Consumption<br><br>3. Total Honey output at producer prices = 1+2   | DAF.<br><br>CSO estimate of total honey output.   | DAF.<br><br>CSO estimate of total honey output.  |
| <b>Cereals</b><br>1. Barley Sales<br><br>2. Wheat Sales<br><br>3. Oats Sales<br><br>4. Stockchanges<br><br>5. Inter-Farm feed<br><br>6. Subsidies on product<br><br>7. Total Cereal output at basic prices<br>= 1+2+3+4+5+6 | DAF.<br><br>DAF.<br><br>DAF.<br><br>CSO December Survey of Crops & Livestock.<br><br>CSO Fodder Balance.<br><br>DAF.  | DAF.<br><br>DAF.<br><br>DAF.<br><br>DAF.<br><br>CSO Fodder Balance.<br><br>DAF.                              |

| Item   | Data source for quantity   | Data source for price / value   |
|--|--|---|
| <b>Potatoes</b><br>1. Net Production<br><br>2. Seed sales<br><br>3. Own Consumption<br><br>4. Total Potato Output at producer prices = 1+2+3 | CSO Area and Yield data. Estimate for losses determined in conjunction with DAF and Teagasc.<br><br>DAF.<br><br>Teagasc National Farm Survey (NFS) estimate. | CSO price statistics.<br><br>CSO price statistics.<br><br>CSO price statistics. |
| <b>Sugar Beet</b><br>1. Home Sales<br><br>2. Levies<br><br>3. Total Sugar Beet output at basic prices = 1-2                                  | Irish Sugar Limited.<br><br>Irish Sugar Limited.   | Irish Sugar Limited.<br><br>Irish Sugar Limited.                                |
| <b>Vegetables</b><br>1. Sales<br><br>2. Own Consumption<br><br>3. Total Vegetable output at producer prices = 1+2                            | DAF.<br><br>CSO estimate.  | DAF.<br><br>DAF.  |
| <b>Fruit</b><br>1. Sales<br><br>2. Own Consumption<br><br>3. Total Fruit output at producer prices = 1+2                                     | DAF.<br><br>CSO estimate.  | DAF.<br><br>DAF.  |
| <b>Other Crops (nursery plants etc.)</b><br>1. Sales<br><br>2. Own Consumption<br><br>3. Total Other Crops output at producer prices = 1+2   | DAF.<br><br>CSO estimate.  | DAF.<br><br>DAF.  |

| Item  | Data source for quantity  | Data source for price / value  |
|---|---|--|
| <b>Turf</b><br>1. Sales Commercial<br>2. Own Consumption<br>3. Total Turf output at producer prices = 1+2   | CSO December enumeration.<br><br>CSO estimate.  | Bord na Mona.<br><br>Bord na Mona.   |
| <b>Fodder Crops</b><br>1. Cereals<br>2. Potatoes<br>3. Other crops (silage, hay etc)<br>4. Total Fodder Crop output at producer prices = 1+2+3                          | CSO Cereals Supply Balance.<br><br>CSO Potato Supply Balance.<br><br>CSO Fodder Balance.                | Estimate determined in conjunction with Teagasc.<br><br>Estimate determined in conjunction with Teagasc.<br><br>Estimate determined in conjunction with Teagasc. |
| <b>Agricultural Services</b><br>1. Income from milk quota<br><br>2. Hire of machinery with labour<br><br>3. Total Agricultural Services output at producer prices = 1+2 | Teagasc NFS provides an estimate of the quantity of milk quota leased out.<br><br>Teagasc NFS estimate. | CSO estimate (determined in conjunction with Teagasc) of milk quota price as a percentage of manufacturing milk price.<br><br>Teagasc NFS estimate.              |
| <b>Subsidies on products and production</b>   | DAF.  | DAF.   |
| <b>Taxes on products</b>  | DAF and Bord Bia.   | DAF and Bord Bia.  |



| Item  | Data source for quantity  | Data source for price / value  |
|---|---|--|
| <b>Feedingstuffs</b><br>1. Straight feedingstuffs<br>2. Compound feedingstuffs<br>3. Other feedingstuffs<br>4. Forage plants<br>5. Total Feedingstuffs = 1+2+3+4  | DAF, miscellaneous CSO surveys (for example, of brewers).<br>DAF.<br>DAF.<br>See Fodder Crops above.                              | CSO price statistics and miscellaneous CSO surveys.<br>CSO price statistics.<br>CSO price statistics.<br>See Fodder Crops above.                       |
| <b>Fertilisers</b><br>1. Straight fertilisers<br>2. Compound fertilisers<br>3. Lime fertilisers<br>4. Total Fertilisers = 1+2+3   | DAF.<br>DAF.<br>DAF.  | CSO price statistics.<br>CSO price statistics.<br>CSO price statistics.  |
| <b>Seeds</b><br>1. Cereal seeds (domestic and imported)<br>2. Sugar Beet seeds<br>3. Potato seed (domestic and imported)<br>4. Seeds for horticulture<br>5. Grass seed<br>6. Mushroom spawn<br>7. Total Seeds = 1+2+3+4+5+6 | DAF and CSO trade statistics.<br>Irish Sugar Ltd.<br>DAF and CSO trade statistics.<br>CSO trade statistics.<br>DAF.<br>Bord Glas. | CSO price and trade statistics.<br>Irish Sugar Ltd.<br>CSO price and trade statistics.<br>CSO trade statistics.<br>CSO price statistics.<br>Bord Glas. |

| Item  | Data source for quantity  | Data source for price / value   |
|---|---|---|
| <b>Energy &amp; Lubricants</b><br>1. Petrol, Diesel, Oil and Lubricants<br>2. Electricity<br>3. Total Energy & Lubricants = 1+2                               | Teagasc NFS & CSO data on number of farms.<br>Teagasc NFS & CSO data on number of farms.  | Teagasc NFS.<br>Teagasc NFS.  |
| <b>Maintenance &amp; Repairs</b><br>1. Machinery<br>2. Cars<br>3. Buildings<br>4. Land upkeep<br>5. Total Maintenance & Repairs = 1+2+3+4                     | Teagasc NFS & CSO data on number of farms.<br>Teagasc NFS & CSO data on number of farms.<br>Teagasc NFS & CSO data on number of farms.<br>Teagasc NFS & CSO data on number of farms.  | Teagasc NFS.<br>Teagasc NFS.<br>Teagasc NFS.<br>Teagasc NFS.  |
| <b>Other Goods &amp; Services</b><br>1. Veterinary fees<br>2. Transport<br>3. Subscriptions<br>4. Consultancy fees<br>5. A.I.<br>6. Insurance<br>7. Telephone | Teagasc NFS & CSO data on number of farms.<br>Teagasc NFS & CSO data on number of farms.<br>Farm organisations.<br>Teagasc.<br>DAF.<br>Teagasc NFS & CSO data on number of farms.<br>Teagasc NFS & CSO data on number of farms. | Teagasc NFS.<br>Teagasc NFS.<br>Farm organisations.<br>Teagasc.<br>DAF.<br>Teagasc NFS.<br>Teagasc NFS. |

| Item   | Data source for quantity   | Data source for price / value  |
|--|--|--|
| 8. Teagasc services<br>9. Total Other Goods & Services = 1+2+3+4+5+6+7+8   | Teagasc.   | Teagasc.   |
| <b>Crop Protection</b>   | Trade Association (APHA).  | Trade Association (APHA).  |
| <b>Pharmaceuticals</b>   | Trade Association (APHA).  | Trade Association (APHA).  |
| <b>Fixed Capital Consumption</b><br>1. Buildings<br>2. Agricultural machinery<br>3. Commercial vehicles<br>4. Private cars<br>5. Total Fixed Capital Consumption = 1+2+3+4 | CSO National Accounts division.<br>CSO National Accounts division.<br>CSO National Accounts division.<br>CSO National Accounts division.                   | A derived CSO price index.<br>Weighted average of CSO price indices for agricultural machinery for cultivation, for harvesting and tractors.<br>CSO Wholesale Price Index (WPI) for commercial vehicles.<br>CSO WPI for private cars.    |
| <b>Other taxes on production</b><br>1. Motor tax<br>2. VAT over/under compensation<br>3. Total Other taxes on production = 1+2   | Teagasc NFS & CSO data on number of farms.<br>Volume of sales and purchases of the various account items (CSO).  | Teagasc NFS.<br>VAT rates (Revenue Commissioners) and CSO data on value of sales and purchases made by farmers.  |
| <b>Compensation of employees</b>   | Numbers employed in agriculture supplied by a combination of CSO surveys (Agriculture Labour Input survey and Quarterly National Household Survey (QNHS)). | Average earnings figure supplied by CSO survey of the Earnings of Agricultural workers. Estimate of contractor wage costs calculated using Teagasc NFS data and estimates supplied by the Irish Association of Agricultural Contractors. |
| <b>Land Rent</b>   | Teagasc NFS.   | Teagasc NFS.   |
| <b>Interest</b>  | Central Bank of Ireland and ACC Bank.  | Central Bank of Ireland and ACC Bank.  |