

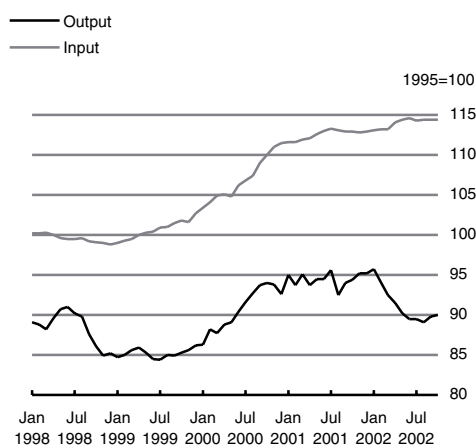


## Agricultural Price Indices

### October 2002 (1995=100)

#### Agricultural price indices

Seasonally adjusted



	Seasonally adjusted		
	Output	Input	Terms of trade
	1995 = 100		
<b>Sep 2002</b>	89.8	114.4	78.5
<b>Oct 2002</b>	90.0	114.4	78.7
<b>% change</b>	0.2%	0.0%	0.3%

#### Output price index up 0.2% in October

The seasonally adjusted output price index increased by 0.2% in October 2002 compared with September 2002 while the seasonally adjusted input price index was unchanged at 114.4. Thus the terms of trade increased by 0.3% in October. See Table 3 and graph.

Comparing October 2002 unadjusted agricultural price indices with the corresponding October 2001 indices shows that (see Tables 1 and 2):

- ♦ Veterinary expenses, energy and seeds were up 4.4%, 4.7% and 3.5% respectively while fertilizers were down 3.5%.
- ♦ Potatoes and vegetables were up 19.1% and 8.6%, while sheep, cereals, pigs, milk, and cows for slaughter were down 21.2%, 11.7%, 10.1%, 6.8% and 6.6% respectively.

Annual changes in EU output and input price indices for selected items are shown at the back of this release.

For further information contact James Mahon at 021-453 5331 or Sheila Somers at 021-453 5315.

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Ardee Road  
Dublin 6  
Ireland

Skehard Road  
Cork  
Ireland

LoCall: 1890 313 414

Tel: +353-1 498 4000  
Fax: +353-1 498 4229

Tel: +353-21 453 5000  
Fax: +353-21 453 5555

Both offices may be contacted through any of these telephone numbers.

CSO on the Web: <http://www.cso.ie>

Director General: Donal Garvey

Enquiries:

Statistics	Agriculture Section, ext 5315 agri@cso.ie
Sales	Information Section, ext 5032 information@cso.ie

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**Table 1 Agricultural Output Price Index<sup>1</sup>**

Base year 1995=100

Period	Total outputs index	Livestock								Livestock products		Livestock and livestock products	Crop products					
		Finished cattle	Cows for slaughter	Store cattle	Total cattle	Sheep	Pigs	Poultry	Total	Milk	Total		Cereals	Sugar beet	Potatoes	Vegetables	Total	
2000	<b>90.7</b>	83.8	73.8	87.2	82.9	111.4	90.3	95.8	87.9	95.0	94.8	90.7	76.6	98.8	77.7	108.1	90.3	
2001	<b>94.8</b>	77.9	62.3	84.8	76.8	159.5	102.1	98.8	90.8	99.1	98.8	94.1	<sup>2</sup> 79.8	101.7	116.8	113.8	<sup>2</sup> 99.9	
2001	January	<b>95.2</b>	84.5	60.7	90.5	82.2	136.8	97.5	87.9	90.7	101.9	101.4	95.1	76.6	98.8	104.9	110.6	95.4
	February	<b>93.7</b>	79.6	60.3	83.0	77.3	152.5	102.2	87.9	89.8	98.9	98.5	93.4	76.6	98.8	99.1	113.7	95.8
	March	<b>96.3</b>	81.5	62.6	84.8	79.2	172.7	112.4	89.3	94.8	98.9	98.5	96.3	76.6	98.8	99.4	113.6	95.9
	April	<b>94.4</b>	82.1	64.8	85.4	80.1	164.6	104.4	89.7	93.4	96.0	95.8	94.4	76.6	98.8	96.5	111.0	94.7
	May	<b>96.2</b>	80.7	64.7	84.0	78.9	174.9	108.6	89.8	94.4	98.0	97.8	95.8	76.6	98.8	93.9	127.3	99.0
	June	<b>95.9</b>	81.4	64.1	89.6	80.1	158.2	109.9	91.4	93.6	98.6	98.3	95.6	76.6	98.8	91.5	126.5	98.6
	July	<b>96.8</b>	79.9	62.8	84.3	78.3	150.5	106.8	90.9	91.0	98.3	97.9	93.9	76.6	98.8	248.9	112.9	117.7
	August	<b>91.9</b>	73.8	61.0	81.1	73.1	146.4	101.9	90.4	86.3	98.0	97.7	91.0	<sup>2</sup> 79.8	98.8	109.2	112.3	<sup>2</sup> 97.9
	September	<b>93.2</b>	74.9	63.6	82.3	74.4	152.4	97.8	89.5	87.3	100.8	100.5	92.7	<sup>2</sup> 79.8	101.7	103.1	109.9	96.5
	October	<b>92.4</b>	72.9	60.6	83.4	72.8	156.9	96.8	91.4	86.6	99.9	99.6	92.0	<sup>2</sup> 79.8	101.7	92.0	112.2	<sup>2</sup> 95.5
	November	<b>93.2</b>	73.7	60.5	86.5	73.9	172.0	94.4	90.4	88.6	100.1	99.7	93.2	<sup>2</sup> 79.8	101.7	79.8	109.4	<sup>2</sup> 92.8
	December	<b>94.2</b>	74.9	60.4	87.6	74.9	181.1	92.8	123.5	92.2	98.0	97.6	94.5	<sup>2</sup> 79.8	101.7	75.3	<sup>2</sup> 109.9	<sup>2</sup> 92.3
2002	January	<sup>2</sup> <b>96.0</b>	84.0	66.0	94.4	83.3	180.3	88.8	90.8	95.3	98.0	97.7	96.3	<sup>2</sup> 79.8	101.7	71.6	<sup>2</sup> 114.8	<sup>2</sup> 93.3
	February	<b>94.2</b>	85.6	68.4	95.6	84.7	150.4	86.0	92.7	92.7	96.3	96.1	94.1	<sup>2</sup> 79.8	101.7	75.1	117.5	<sup>2</sup> 94.7
	March	<b>93.6</b>	84.1	67.5	95.6	83.4	150.8	90.6	91.4	92.4	94.6	94.3	93.2	<sup>2</sup> 79.8	101.7	79.0	121.7	<sup>2</sup> 96.7
	April	<b>92.2</b>	83.2	70.6	95.4	83.4	150.5	91.2	92.2	92.5	90.7	90.5	91.7	<sup>2</sup> 79.8	101.7	82.0	118.8	<sup>2</sup> 96.4
	May	<b>91.7</b>	82.6	69.8	93.2	82.5	149.8	92.3	91.9	91.9	90.2	90.0	91.1	<sup>2</sup> 79.8	101.7	89.7	113.3	<sup>2</sup> 95.8
	June	<b>90.8</b>	82.4	64.3	87.8	80.7	136.4	94.6	92.0	89.5	89.8	89.6	89.5	<sup>2</sup> 79.8	101.7	115.8	112.7	<sup>2</sup> 99.5
	July	<sup>2</sup> <b>90.6</b>	79.4	61.1	82.7	77.3	117.8	94.2	91.6	85.0	89.7	89.5	86.9	<sup>2</sup> 79.8	101.7	216.7	119.3	116.6
	August	<sup>2</sup> <b>88.5</b>	76.9	58.4	83.8	75.4	122.6	88.3	91.2	83.4	90.0	89.9	86.1	<sup>2</sup> 70.5	101.7	153.9	124.5	<sup>2</sup> 105.6
	September	<sup>2</sup> <b>89.1</b>	76.0	58.1	82.2	74.6	127.2	87.2	91.7	83.3	93.0	92.8	87.2	<sup>2</sup> 70.5	101.7	135.8	123.4	<sup>2</sup> 102.5
	October	<b>88.2</b>	75.2	56.6	83.0	74.1	123.6	86.9	91.1	82.4	93.1	92.9	86.7	<sup>3</sup> 70.5	101.7	109.6	121.9	98.1
Oct 02/Sep 02	<b>-1.1%</b>	-1.0%	-2.5%	1.0%	-0.8%	-2.8%	-0.2%	-0.7%	-1.0%	0.1%	0.1%	-0.5%	0.0%	0.0%	-19.3%	..	-4.3%	
Oct 02/Oct 01	<b>-4.6%</b>	3.2%	-6.6%	-0.5%	1.7%	-21.2%	-10.1%	-0.3%	-4.9%	-6.8%	-6.7%	-5.7%	-11.7%	0.0%	19.1%	8.6%	2.8%	

<sup>1</sup> Excluding VAT

<sup>2</sup> Revised

<sup>3</sup> Provisional

.. Comparison not valid

**Table 2 Agricultural Input Price Index<sup>1</sup>**

Base year 1995=100

Period	Total inputs index	Feeding stuffs						Fertilizers					Energy			Plant protection products	Veterinary expenses (incl. AI)	Other inputs <sup>3</sup>	
		Straight	Compound				All	Straight	Compound		All	Seeds	Motor fuels	Elec- tricity	All energy				
			Calf	Cattle	Pig	Poultry			NPK	PK									
2000	<b>107.0</b>	94.3	92.3	94.3	100.5	101.1	96.7	102.6	101.8	113.0	103.7	102.0	151.5	104.1	139.4	102.6	116.6	110.7	
2001	<b>112.6</b>	98.1	94.1	100.4	104.6	105.4	101.6	121.5	113.5	118.0	117.0	105.5	145.3	105.7	135.4	103.7	122.8	117.0	
2001	January	<b>111.6</b>	96.8	94.3	98.1	103.5	105.0	100.1	121.5	113.9	118.7	117.2	105.8	150.2	104.1	138.8	102.6	120.0	113.7
	February	<b>111.5</b>	97.1	94.6	98.7	103.5	105.1	100.5	123.6	115.7	118.4	119.0	105.8	143.1	104.1	133.4	103.0	120.0	114.4
	March	<b>112.1</b>	97.2	94.6	99.2	103.5	105.1	100.7	123.4	115.7	118.4	118.9	105.8	145.6	104.1	135.2	103.2	122.1	115.3
	April	<b>112.4</b>	97.3	94.9	99.2	103.7	105.1	100.8	124.1	115.5	118.5	119.0	105.8	144.0	104.1	134.0	103.5	123.1	116.5
	May	<b>112.9</b>	98.1	94.3	99.4	104.7	104.9	101.1	122.5	114.1	118.4	117.7	105.8	150.9	104.1	138.9	103.6	123.1	117.2
	June	<b>113.0</b>	98.4	93.1	99.4	104.3	105.6	101.1	120.9	112.9	117.8	116.4	105.8	154.5	104.1	141.6	103.7	123.0	117.2
	July	<b>113.3</b>	98.2	93.7	101.4	104.9	106.2	102.3	120.5	112.5	117.8	116.1	105.8	151.8	104.1	139.7	104.0	123.5	117.8
	August	<b>113.0</b>	98.8	93.4	102.1	104.8	106.1	102.6	120.0	112.3	117.9	115.8	105.8	145.1	104.1	135.0	104.1	123.5	118.1
	September	<b>112.9</b>	99.3	94.0	102.2	105.2	105.8	102.8	120.1	111.8	117.3	115.5	105.8	144.2	104.1	134.6	104.1	123.4	118.1
	October	<b>113.0</b>	98.6	94.0	101.8	105.6	105.8	102.6	120.5	112.4	117.7	116.0	105.4	141.6	110.3	134.0	104.1	124.2	118.4
	November	<b>112.6</b>	98.6	94.1	101.7	105.6	105.1	102.4	120.5	112.5	117.8	116.1	105.4	137.0	110.3	130.6	104.1	124.1	118.8
	December	<b>112.6</b>	98.7	94.7	102.0	105.8	105.2	102.7	120.8	112.7	117.7	116.3	105.4	135.3	110.3	129.2	104.1	124.0	119.2
2002	January	<b>113.0</b>	99.9	98.8	102.3	106.1	105.7	103.3	121.2	112.9	116.7	116.5	109.9	132.8	110.3	127.4	104.1	124.9	119.8
	February	<b>113.1</b>	99.9	98.8	102.0	106.1	105.4	103.1	120.9	112.8	116.8	116.3	109.9	134.0	110.3	128.3	104.2	125.0	119.9
	March	<b>113.4</b>	99.9	98.8	102.0	106.1	105.6	103.1	120.0	111.6	116.5	115.4	109.9	137.1	110.3	130.6	104.1	127.3	120.2
	April	<b>114.3</b>	100.0	100.1	102.0	107.1	106.2	103.5	119.9	111.4	116.7	115.2	109.9	143.6	110.3	135.4	104.4	128.9	120.9
	May	<b>114.7</b>	98.6	100.1	102.0	107.1	107.2	103.6	119.7	111.2	116.6	115.0	109.9	146.1	110.3	137.2	104.6	129.0	121.7
	June	<b>114.6</b>	98.6	100.1	102.0	107.1	107.2	103.5	118.8	110.6	116.3	114.4	109.9	144.9	110.3	136.4	104.6	129.0	122.3
	July	<b>114.2</b>	98.6	100.1	102.0	107.1	107.2	103.6	117.1	109.2	116.3	113.0	109.9	142.5	110.3	134.6	104.9	129.3	122.7
	August	<b>114.2</b>	98.0	100.1	102.0	107.1	107.1	103.5	115.9	108.5	116.3	112.3	109.9	143.7	110.3	135.5	104.9	129.3	122.8
	September	<sup>2</sup> <b>114.3</b>	<sup>2</sup> 96.3	100.1	102.0	107.1	107.1	<sup>2</sup> 103.3	115.7	108.0	116.2	111.9	109.9	146.5	110.3	137.6	<sup>2</sup> 104.8	129.2	122.9
	October	<b>114.5</b>	96.2	100.0	101.0	106.7	107.7	102.9	115.7	108.0	116.6	111.9	109.0	150.1	110.3	140.3	104.9	129.7	123.0
Oct 02/Sep 02	<b>0.1%</b>	-0.1%	-0.2%	-1.0%	-0.4%	0.6%	-0.5%	0.0%	0.0%	0.3%	0.0%	-0.8%	2.4%	0.0%	2.0%	0.1%	0.3%	0.1%	
Oct 02/Oct 01	<b>1.3%</b>	-2.5%	6.4%	-0.8%	1.1%	1.8%	0.3%	-4.0%	-3.9%	-1.0%	-3.5%	3.5%	6.0%	0.0%	4.7%	0.8%	4.4%	3.9%	

<sup>1</sup> Excluding VAT

<sup>2</sup> Revised

<sup>3</sup> "Other inputs" includes maintenance and repairs, services other than veterinary and miscellaneous materials

**Table 3 Seasonally Adjusted<sup>1</sup> Agricultural Output Price Index<sup>2</sup>**

Base year 1995=100

Period	Total outputs index	Finished cattle	Cows for slaughter	Store cattle	Sheep	Pigs	Poultry	Milk	Potatoes	Vegetables	
2001	January	95.0	85.5	66.1	91.3	138.9	103.1	90.0	99.3	112.4	111.5
	February	93.7	80.1	63.1	82.5	141.1	107.2	89.8	97.8	108.6	113.0
	March	95.1	80.0	63.3	81.9	147.2	112.3	91.0	99.3	110.5	114.8
	April	93.7	80.2	61.5	82.3	146.9	102.5	91.4	98.3	108.0	111.1
	May	94.5	78.1	59.6	79.9	152.4	105.5	91.2	100.1	103.0	124.1
	June	94.5	77.0	58.7	86.9	151.1	103.7	92.7	100.4	100.3	124.2
	July	95.6	77.3	59.6	83.1	161.3	100.9	92.5	100.0	152.7	112.6
	August	92.5	73.6	59.3	82.0	161.7	100.9	92.9	99.4	104.9	107.6
	September	94.0	75.8	62.0	84.0	169.5	98.5	92.4	99.7	97.4	110.4
	October	94.4	75.8	61.8	85.9	179.3	98.4	94.3	98.7	96.4	113.1
	November	95.2	77.7	65.6	90.4	189.6	96.4	93.5	98.0	85.3	112.2
	December	95.2	78.9	67.6	93.3	198.0	95.9	98.6	96.1	80.9	114.0
2002	January	95.7	84.8	71.7	95.0	181.8	93.8	92.9	95.6	77.1	116.0
	February	94.1	86.1	71.6	95.0	138.2	90.3	94.6	95.3	82.7	117.0
	March	92.5	82.6	68.3	92.5	127.7	90.5	93.1	95.0	87.6	123.1
	April	91.5	81.2	67.0	92.1	133.7	89.4	94.0	93.1	93.3	118.9
	May	90.2	79.9	64.1	88.7	130.8	89.6	93.5	92.2	100.6	110.4
	June	89.5	78.0	59.1	85.2	131.4	89.2	93.5	91.5	129.1	110.8
	July	89.5	76.9	58.1	81.6	127.0	89.0	93.5	91.2	130.3	119.0
	August	89.1	76.8	56.8	84.9	136.1	87.6	93.7	91.3	145.9	119.1
	September	89.8	76.9	56.6	83.9	141.7	87.9	94.7	91.9	128.2	123.9
	October	90.0	78.3	57.7	85.4	141.2	88.4	93.9	92.0	113.9	123.0
Oct 02/Sep 02	0.2%	1.8%	1.9%	1.8%	-0.4%	0.6%	-0.8%	0.1%	-11.2%	..	

<sup>1</sup> The seasonally adjusted indices are recalculated each month

<sup>2</sup> Excluding VAT

.. Comparison not valid

**Table 4 Seasonally Adjusted<sup>1</sup> Agricultural Input Price Index<sup>2</sup>**

Base year 1995=100

Period	Total inputs index	Feeding stuffs						Fertilizers				
		Straight	Compound				All	Straight	Compound		All	
			Calf	Cattle	Pig	Poultry			NPK	PK		
2001	January	111.6	97.1	93.9	97.9	103.6	104.9	100.1	118.8	112.4	118.1	115.4
	February	111.6	97.4	93.6	98.4	103.3	105.3	100.3	120.3	113.5	117.9	116.6
	March	111.9	97.2	93.7	98.8	103.4	105.2	100.5	121.1	114.0	118.3	117.2
	April	112.1	96.8	93.9	99.2	103.4	105.3	100.7	122.6	114.4	118.6	118.0
	May	112.6	98.0	93.7	99.6	103.9	105.5	101.0	121.7	113.6	118.8	117.2
	June	113.0	97.7	92.9	99.5	104.1	105.3	100.9	121.1	113.1	118.6	116.7
	July	113.3	97.5	93.7	101.4	104.8	105.6	102.1	122.3	113.6	118.9	117.4
	August	113.1	98.2	93.5	101.9	104.9	105.7	102.3	122.9	114.0	118.7	117.8
	September	112.9	99.2	94.2	102.3	105.3	105.6	102.8	123.0	113.7	117.9	117.6
	October	112.9	99.0	94.8	102.2	105.9	105.6	102.8	123.2	113.8	117.5	117.6
	November	112.8	99.4	95.6	102.2	106.1	105.5	103.0	121.6	113.1	116.7	116.6
	December	112.9	99.5	96.3	102.0	106.2	105.3	103.0	120.2	112.9	116.4	116.3
2002	January	113.1	100.1	98.4	102.0	106.2	105.6	103.2	118.4	111.4	116.2	114.5
	February	113.2	100.2	97.8	101.6	105.9	105.6	102.9	117.6	110.5	116.3	113.9
	March	113.2	100.0	98.0	101.6	106.1	105.8	103.0	117.8	110.0	116.4	113.7
	April	114.1	99.6	99.1	102.0	106.8	106.4	103.4	118.4	110.3	116.8	114.1
	May	114.4	98.5	99.6	102.4	106.3	107.8	103.6	118.8	110.6	116.9	114.4
	June	114.6	97.9	99.9	102.1	106.9	106.9	103.4	119.0	110.9	117.1	114.7
	July	114.3	98.0	100.1	102.1	107.0	106.6	103.4	118.9	110.4	117.4	114.4
	August	114.4	97.5	100.3	101.9	107.2	106.7	103.3	118.9	110.3	117.2	114.3
	September	114.4	96.2	100.4	102.1	107.2	106.9	103.4	118.7	110.0	116.9	114.0
	October	114.4	96.5	100.7	101.4	107.0	107.5	103.0	118.4	109.5	116.4	113.6
Oct 02/Sep 02	0.0%	0.3%	0.3%	-0.7%	-0.2%	0.6%	-0.4%	-0.3%	-0.5%	-0.4%	-0.4%	

<sup>1</sup> The seasonally adjusted indices are recalculated each month

<sup>2</sup> Excluding VAT

**Table 5 Selected output prices at livestock marts**average euro per head<sup>1</sup>

Category	1992	1993	1994	1995	1996	1997	1998	1999	2000 <sup>2</sup>	2001 <sup>2</sup>
<b>Bullocks</b>										
200-249 kg	411	442	490	489	442	434	411	333	486	501
250-299 kg	467	506	541	534	479	506	466	406	562	576
300-349 kg	520	571	579	588	517	516	474	404	536	546
350-399 kg	579	634	656	644	562	540	496	470	587	585
400-449 kg	640	699	724	709	609	603	557	530	656	649
450-499 kg	708	766	784	773	660	650	606	591	696	687
500-549 kg	775	833	846	832	713	693	660	641	734	722
550+ kg	891	947	952	947	801	778	743	732	841	818
<b>Heifers</b>										
200-249 kg	328	359	398	377	334	313	286	237	328	318
250-299 kg	386	429	464	441	387	392	363	312	396	382
300-349 kg	452	497	522	504	440	420	392	322	413	398
350-399 kg	514	560	579	563	488	473	443	401	481	466
400-449 kg	576	628	646	629	544	528	499	467	542	526
<b>Sheep</b>										
30-39 kg	39	46	48	46	58	59	47	43	46	66
40-49 kg	48	54	59	56	68	72	62	56	60	84
50-59 kg	56	59	67	65	77	81	66	63	69	96
<b>Pigs</b>										
15-24 kg	32	23	26	32	37	29	20	19	25	26
25-34 kg	40	32	34	42	45	39	29	27	37	40
35-44 kg	47	39	41	49	55	47	37	31	44	46
45-54 kg	54	46	48	57	63	54	44	33	48	51

<sup>1</sup> Including VAT, rounded to nearest euro<sup>2</sup> 2000 and 2001 data incorporates small differences in methodology

**Table 6 Selected agricultural input prices**average euro per tonne<sup>1</sup>

Category	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
<b>Feeding stuffs</b>										
<b>Straight</b>										
Rolled barley	206	206	199	198	204	190	175	185	185	187
Barley meal	214	213	207	207	210	196	183	181	181	179
Soya bean meal	246	267	278	253	290	324	283	234	277	312
Maize meal	288	283	254	262	263	242	213	227	227	245
Maize flaked	377	365	351	349	360	355	344	336	336	342
<b>Pig</b>										
Pig grower	254	251	253	244	262	257	238	228	231	244
Pig fattening meal	249	249	247	248	261	248	242	239	238	255
Sow breeder	248	246	245	241	253	251	238	230	224	238
Sow weaner & bonham meal	261	258	257	252	267	259	251	241	245	264
<b>Cattle</b>										
Cattle fattening nuts & cubes 13-15% protein	206	208	209	208	217	207	195	192	198	209
Calf nuts & cubes 14-15% protein	232	236	238	241	251	232	214	204	213	227
Dairy nuts & cubes 13-15% protein	212	209	212	204	219	210	197	184	188	194
Dairy nuts & cubes 16-18% protein	211	213	216	213	224	216	203	195	201	216
Dairy meal 16-18% protein	219	218	219	217	228	219	202	190	195	209
Calf nuts & cubes 16-18% protein	235	235	236	233	248	240	227	221	227	238
Calf meal 16-18% protein	240	259	259	253	270	269	262	239	232	249
Milk replacer	1,537	1,608	1,638	1,661	1,716	1,681	1,674	1,660	1,669	1,829
<b>Poultry</b>										
Layer mash	260	263	263	257	267	261	260	266	276	283
Chick mash	308	308	306	291	301	303	298	285	292	314
Broiler finisher	329	334	328	313	327	319	311	305	304	318
Broiler starter	349	347	344	324	340	336	333	325	326	343
<b>Fertilizers</b>										
<b>Straight</b>										
Calcium ammonium nitrate 27.5% N	145	132	137	154	163	150	139	143	164	191
Urea 46% N	196	182	186	201	217	208	193	189	201	240
Muriate of potash 50% K	191	187	195	206	214	211	209	209	217	224
Granular superphosphate 16% P	240	233	239	249	256	253	252	261	268	271
<b>Compound</b>										
0-10-20	165	153	162	173	181	173	170	187	192	204
0-7-30	163	152	162	173	181	173	170	186	192	204
10-10-20	205	196	200	219	229	218	213	216	223	248
14-7-14	200	188	192	210	220	211	199	200	207	239
18-6-12	193	183	187	207	216	205	197	198	205	234
24-2.5-10	197	186	189	202	216	205	195	198	206	236
27-2.5-5	192	181	185	199	211	201	191	193	203	232

<sup>1</sup> Including VAT, rounded to nearest euro

## Background Notes

- Introduction** This release presents estimates of Agricultural Input and Output Price Indices. The indices monitor trends in prices paid to farmers for their produce and in prices paid by farmers for purchases of goods and services. The methodology is harmonised throughout the EU. The estimates are given to Eurostat, the Statistical Office of the European Communities. Preliminary annual indices, based on around nine months data, are also published each November.
- Methodology** The agricultural output price indices are intended to measure trends in the price of agricultural produce sold by farmers. The agricultural price indices are designed to measure trends in the price of farm inputs purchased for current consumption (i.e. non-capital materials and services). Traditionally both indices were compiled on the basis of the “national farm” concept. The weights used to combine the changes in prices of the individual commodities relate to the value of sales off farms or to the expenditure by farmers on input purchases. The old methodology excluded both the value of inter-farm sales and the value of own produce consumed in farm households. The new methodology includes the value of all sales of crop products between farms. The Laspeyres index formula, involving the use of fixed base year weights, has been used in the compilation of the monthly index numbers for all commodity groupings except vegetables. Because of the highly seasonal nature of vegetables, variable monthly baskets are used.
- Monthly price series are used except for seasonal products, such as seeds, where prices are only available at certain times during the year. In these cases, the monthly prices returned during the last selling period are continued unchanged until the product can be priced again. The monthly sub-indices are weighted by the value of sales off farms and the expenditure on farm inputs to derive overall monthly total input and total output indices. The annual indices are obtained either as a simple or weighted arithmetic mean of the corresponding monthly indices. From 1995, in line with EU recommendations, the annual input indices are calculated as simple arithmetic averages of the monthly indices.
- Price coverage** The index prices used are before deduction of levies and exclusion of value added tax with the exception of sugar beet where the A and B levies are deducted. Standardised prices are used for milk, cereals and sugar beet to ensure that products of identical quality are priced in successive periods. In the case of milk, this means pricing at a fixed butterfat and protein content and excluding special bonuses paid in respect of some deliveries to creameries. Standardised cereal prices take account of moisture content. Sugar beet prices are standardised at a fixed sugar content.
- Data sources** The indices are compiled from a wide variety of sources, including direct CSO surveys and administrative data from the Department of Agriculture and Food. The actual sources are described more fully in the Agricultural Price Indices 1990-2000 release published on the 8 February 2002.
- Livestock auction mart prices and export factory slaughterings prices are used for both cattle and sheep. Representative licensed export premises prices are used for pigs. Poultry prices at livestock auction marts and approved processing premises are used. For milk, the CSO collects prices from creameries. Feeding stuffs and fertilizers prices are collected through a CSO survey of merchants and co-operatives.
- Seasonal adjustment** As many agricultural products follow a seasonal production pattern, seasonally adjusted monthly series for the total indices and selected sub-indices are also published. The use of standardised prices for some commodities reduces the seasonality of these prices.
- Rebasing** The series are normally rebased every five years. This release shows monthly indices from January 2001 with base 1995=100. A rebased series covering the period 1990-2000 was published on the 8<sup>th</sup> February 2002 which contains a full note on methodology.
- References** Agricultural Price Indices, Preliminary Estimates, annual CSO release.  
Eurostat Statistics in Focus - Agricultural Price trends in the EU.  
CSO Statistical Bulletin, absolute agricultural prices.  
Agricultural Price Indices 1990-2000 release.

**Annual changes in EU output price indices**

%

Country	Apr-Jun 2002 / Apr-Jun 2001			
	Total outputs	Cattle	Cereals	Sheep
<b>European Union</b>	<b>-4.2</b>	<b>7.5</b>	<b>-5.4</b>	<b>-2.7</b>
Austria	-7.6	6.5	-7.4	-4.7
Belgium	-8.5	7.0	-8.6	-21.7
Denmark	-10.1	-6.3	-10.6	10.0
Finland	-1.4	-7.4	-5.5	21.3
France	-5.5	4.4	-11.8	-13.8
Germany	-7.4	13.5	-9.0	-11.8
Greece	2.8	-6.7	7.6	0.2
Ireland	-3.8	3.0	3.9	-12.3
Italy	0.3	7.2	-2.3	-3.0
Luxembourg	-3.7	-3.6	0.5	..
Netherlands	-1.7	12.4	-3.0	18.3
Portugal	-12.0	17.4	3.6	-24.7
Spain	-5.7	21.8	4.7	-4.4
Sweden	-2.2	-6.0	-1.5	12.5
United Kingdom	-6.1	2.6	-10.7	18.6

.. Index not available due to negligible sheep production in this country

Source: New Cronos database, Eurostat

**Annual changes in EU input price indices**

%

Country	Apr-Jun 2002 / Apr-Jun 2001			
	Total inputs	Energy	Fertilizers	Feeding Stuffs
<b>European Union</b>	<b>0.2</b>	<b>-5.4</b>	<b>-4.7</b>	<b>0.6</b>
Austria	-0.3	-2.0	-10.5	-1.9
Belgium	0.3	-7.5	-8.0	1.1
Denmark	1.3	-2.9	-13.7	6.2
Finland	-0.7	-6.1	-0.4	0.8
France	-0.2	-7.5	-5.0	0.8
Germany	-0.5	-2.2	-5.0	-1.3
Greece	1.5	-1.4	3.8	1.3
Ireland	1.6	-1.3	-2.4	2.5
Italy	0.6	-5.2	0.0	1.6
Luxembourg	-0.2	-2.9	-10.1	1.6
Netherlands	0.7	-9.6	-8.3	1.4
Portugal	-4.4	-15.4	-17.0	0.3
Spain	1.4	-6.0	-0.3	0.8
Sweden	2.0	-1.8	-5.0	5.6
United Kingdom	-0.6	-4.8	-7.2	-3.7

Source: New Cronos database, Eurostat