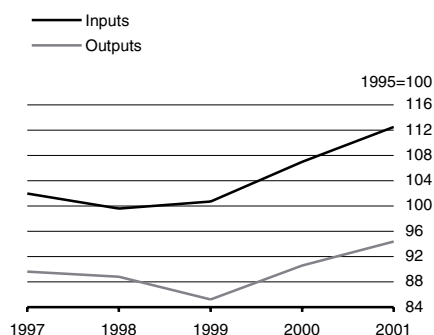




Agricultural price indices

Annual



Agricultural Price Indices
December and Year 2001 (1995=100)

	Output	Input	Terms of trade
	1995 = 100		
2000	90.6	107.0	84.7
2001	94.4	112.5	83.9
% change	4.2%	5.1%	-0.9%
Dec 2001/Dec 2000	1.9%	1.1%	0.7%

Output price index up 4.2% in 2001

The agricultural output price index was 94.4 in 2001, 4.2% higher than in 2000, and the input price index was up 5.1% to 112.5 over the same period. *See Tables 1, 2 and graph.*

The annual output price indices for 2001 show significant increases in sheep, pigs and potatoes over the corresponding 2000 figures. There were decreases in cattle and poultry prices.

The increase in the annual input price index for 2001 was largely due to increases in fertilizer prices and veterinary expenses.

Comparing the 2001 agricultural price indices with the corresponding 2000 indices shows that: (*see Tables 1 and 2*):

- Sheep, pigs, milk, cereals and potato prices were up 43.2%, 13.1%, 4.2%, 4.0% and 50.2% respectively. Cattle prices were down 7.3% and poultry prices were down 6.1%.
- Feeding stuffs were up 5.1%, fertilizers were up 12.8% and veterinary expenses were up 5.3%, while energy prices fell by 3.6%.

Annual changes in EU output and input price indices for selected items are shown at the back of this release. The latest available figures show that EU cattle prices fell by 14.4% in the third quarter of 2001.

For further information contact Gillian Wall at 021-453 5312 or James Mahon at 021-453 5331.

Published by the Central Statistics Office, Ireland.

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
Sales

Agriculture Section, ext 5315
agri@cso.ie

Information Section, ext 5032
information@cso.ie

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Table 1 Agricultural Output Price Index¹

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	90.6	83.8	73.8	87.2	82.9	111.4	90.3	95.8	87.9	95.0	94.6	90.6	76.6	98.8	77.7	108.1	90.3	
2001	94.4	77.9	62.3	84.8	76.8	159.4	102.1	89.9	90.3	99.0	98.4	93.7	79.6	101.7	116.8	114.0	99.9	
2000	January	86.2	80.0	59.5	76.2	76.6	106.0	76.4	88.5	80.6	95.0	94.5	86.4	80.3	98.4	44.1	103.5	85.0
	February	87.9	81.8	63.7	80.1	78.9	127.5	77.8	87.8	84.7	93.8	93.4	88.3	80.3	98.4	41.7	103.8	84.8
	March	88.7	82.4	67.3	83.3	80.2	133.1	83.6	87.9	87.1	93.0	92.7	89.4	80.3	98.4	39.8	100.9	83.6
	April	89.6	83.9	73.4	85.0	82.5	134.8	88.9	86.7	89.4	91.8	91.5	90.3	80.3	98.4	39.9	104.0	84.5
	May	90.8	86.9	80.2	90.0	86.4	119.2	91.4	87.5	90.8	92.3	92.1	91.3	80.3	98.4	47.5	109.2	87.3
	June	92.0	90.9	84.5	91.7	90.1	108.0	96.2	87.0	92.8	93.0	92.5	92.7	80.3	98.4	48.0	109.1	87.4
	July	92.7	88.4	80.6	90.5	87.7	100.4	96.0	86.6	90.2	94.2	93.8	91.7	80.3	98.4	127.9	110.4	99.7
	August	92.1	87.8	80.8	90.8	87.5	101.6	92.3	86.7	89.7	95.4	94.9	91.8	76.6	98.4	83.7	116.1	93.7
	September	92.8	87.1	81.1	90.0	86.9	102.9	92.4	86.6	89.4	97.8	97.3	92.7	76.6	98.8	92.2	110.6	93.4
	October	91.9	83.7	74.9	88.7	83.4	102.9	93.7	86.7	87.2	98.8	98.3	91.8	76.6	98.8	88.8	109.4	92.3
	November	91.8	80.9	62.9	84.3	79.1	110.8	97.4	86.9	85.6	100.7	100.1	91.6	76.6	98.8	91.7	109.9	93.3
	December	91.3	75.0	51.5	81.1	72.7	119.8	98.1	119.5	84.3	101.4	100.7	91.1	76.6	98.8	94.1	107.9	93.1
2001	January	95.0	84.5	60.7	90.5	82.2	136.8	97.5	87.9	90.7	101.8	101.1	95.0	76.6	98.8	104.9	110.6	95.4
	February	93.5	79.6	60.3	83.0	77.3	152.5	102.2	87.9	89.7	98.8	98.2	93.2	76.6	98.8	99.1	113.7	95.8
	March	96.2	81.5	62.6	84.8	79.2	172.7	112.4	89.3	94.8	98.8	98.2	96.2	76.6	98.8	99.4	113.6	95.9
	April	94.3	82.1	64.8	85.4	80.1	164.6	104.4	89.7	93.4	95.9	95.5	94.3	76.6	98.8	96.5	111.0	94.7
	May	96.1	80.7	64.7	84.0	78.9	174.9	108.6	89.8	94.4	97.9	97.5	95.7	76.6	98.8	93.9	127.3	99.0
	June	95.8	81.4	64.1	89.6	80.1	158.2	109.9	91.4	93.6	98.6	98.0	95.4	76.6	98.8	91.5	126.5	98.6
	July	96.7	79.9	62.8	84.3	78.3	150.5	106.8	90.9	91.0	98.2	97.6	93.7	76.6	98.8	248.9	112.9	117.7
	August	91.7	73.8	61.0	81.1	73.1	146.4	101.9	90.4	86.3	97.9	97.3	90.9	79.6	98.8	109.2	112.4	97.8
	September	93.1	74.9	63.6	82.3	74.4	152.4	97.8	89.5	87.3	100.8	100.2	92.6	79.6	101.7	103.1	110.4	96.6
	October	² 92.3	72.9	60.6	83.4	72.8	156.9	96.8	91.4	86.6	² 99.8	² 99.2	² 91.8	79.6	101.7	92.0	113.0	95.6
	November	² 93.1	73.7	60.5	86.5	73.9	172.0	94.4	90.4	88.6	² 100.0	² 99.4	² 93.1	79.6	101.7	79.8	110.1	93.0
	December	93.0	74.9	60.4	87.6	74.9	181.1	92.8	90.4	90.2	98.0	97.2	93.1	79.6	101.7	75.3	110.8	92.5
Dec 01/Nov 01	-0.0%	1.6%	-0.1%	1.2%	1.4%	5.3%	-1.6%	0.0%	1.7%	-2.1%	-2.2%	0.0%	0.0%	0.0%	-5.7%	..	-0.5%	
Dec 01/Dec 00	1.9%	-0.2%	17.4%	8.0%	3.1%	51.3%	-5.4%	-24.4%	7.0%	-3.4%	-3.4%	2.2%	4.0%	2.9%	-20.0%	2.7%	-0.6%	
2001/2000	4.2%	-7.0%	-15.5%	-2.8%	-7.3%	43.2%	13.1%	-6.1%	2.8%	4.2%	4.1%	3.3%	4.0%	2.9%	50.2%	5.5%	10.6%	

¹ Excluding VAT

² Revised

.. Comparison not valid

Table 2 Agricultural Input Price Index¹

Base year 1995=100

Period	Total inputs index	Feeding stuffs						Fertilizers					Seeds	Energy			Plant protection products	Veterinary expenses (incl. AI)	Other inputs ²
		Straight	Compound				All	Straight	Compound		All	Motor fuels		Elec-tricity	All energy				
			Calf	Cattle	Pig	Poultry			NPK	PK									
2000	107.0	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	138.9	102.6	116.6	111.1	
2001	112.5	98.1	94.1	100.4	104.6	105.4	101.6	121.5	113.5	118.0	117.0	105.7	145.3	105.7	133.8	103.7	122.7	117.5	
2000	January	103.4	90.8	91.3	92.8	98.6	98.7	94.8	96.7	98.1	110.0	99.5	102.3	133.7	104.1	126.1	103.0	112.4	108.7
	February	104.2	91.0	91.6	93.3	99.3	99.7	95.4	98.1	99.3	110.6	100.7	102.3	136.8	104.1	128.4	103.0	112.5	109.4
	March	105.2	91.4	91.5	93.4	99.5	99.8	95.5	98.1	99.6	110.6	100.8	102.3	143.4	104.1	133.5	102.7	116.4	109.7
	April	105.4	91.9	91.6	93.3	99.5	99.7	95.5	99.0	99.8	110.8	101.3	102.3	142.9	104.1	133.1	102.9	117.6	110.4
	May	105.2	94.9	91.7	92.7	99.6	99.1	95.4	100.3	100.6	111.1	102.2	102.3	139.8	104.1	130.5	102.7	117.6	110.1
	June	106.3	95.2	92.4	93.2	100.5	101.0	96.2	101.6	101.0	111.4	102.8	102.3	147.5	104.1	136.1	102.3	117.4	110.4
	July	106.8	95.1	92.4	94.1	100.7	100.7	96.6	101.0	100.9	111.2	102.5	102.3	151.0	104.1	139.2	102.3	117.4	110.7
	August	107.3	95.3	93.0	94.8	101.0	102.1	97.3	101.3	100.8	112.1	102.7	102.3	151.1	104.1	139.2	102.3	117.5	111.8
	September	108.8	95.6	92.7	94.6	101.2	102.5	97.3	101.4	100.7	113.0	102.7	102.3	168.5	104.1	150.4	102.4	117.4	112.5
	October	109.7	97.6	93.1	95.6	101.5	102.9	98.2	105.6	102.8	116.2	105.4	101.5	169.4	104.1	151.2	102.4	117.7	113.2
	November	110.7	96.6	92.6	96.4	101.6	103.1	98.5	111.3	107.8	118.9	110.3	101.5	169.0	104.1	151.1	102.4	117.4	113.1
	December	111.2	96.4	93.6	97.7	102.5	104.3	99.5	117.1	109.5	119.7	113.3	101.5	164.5	104.1	147.8	102.6	117.5	113.3
2001	January	111.5	96.8	94.3	98.1	103.5	105.0	100.1	121.5	113.9	118.7	117.2	105.9	150.2	104.1	137.2	102.6	120.0	114.1
	February	111.4	97.1	94.6	98.7	103.5	105.1	100.5	123.6	115.7	118.4	119.0	105.9	143.1	104.1	131.8	103.0	120.0	114.8
	March	112.0	97.1	94.6	99.2	103.5	105.1	100.7	123.4	115.7	118.4	118.9	105.9	145.7	104.1	133.7	103.2	122.1	115.7
	April	112.2	97.3	94.9	99.2	103.7	105.1	100.8	124.1	115.5	118.5	119.0	105.9	143.9	104.1	132.4	103.5	123.2	116.9
	May	112.8	98.1	94.3	99.4	104.7	104.9	101.1	122.5	114.1	118.4	117.7	105.9	150.9	104.1	137.4	103.6	123.1	117.6
	June	112.9	98.4	93.1	99.4	104.3	105.6	101.1	120.9	112.9	117.8	116.4	105.9	154.5	104.1	140.0	103.7	123.0	117.7
	July	113.3	98.2	93.7	101.4	104.9	106.2	102.3	120.5	112.5	117.8	116.1	105.9	151.7	104.1	138.1	104.0	123.5	118.3
	August	112.9	98.8	93.4	102.1	104.8	106.1	102.6	120.0	112.3	117.9	115.8	105.9	145.0	104.1	133.4	104.1	123.5	118.6
	September	112.8	99.3	94.0	102.2	105.2	105.8	102.8	120.1	111.8	117.3	115.5	105.9	144.2	104.1	132.9	104.1	123.5	118.6
	October	112.8	98.6	94.0	101.8	105.6	105.8	102.6	120.5	112.4	117.7	116.0	105.6	141.6	110.3	132.4	104.1	123.7	118.9
	November	112.4	98.6	94.1	101.7	105.6	105.1	102.4	120.5	112.5	117.8	116.1	105.6	137.0	110.3	129.0	104.1	123.6	119.3
	December	112.5	98.6	94.6	102.0	105.8	105.2	102.6	120.6	112.5	117.5	116.1	105.6	135.3	110.3	127.6	104.1	123.6	119.8
Dec 01/Nov 01	0.0%	-0.0%	0.5%	0.3%	0.2%	0.1%	0.2%	0.0%	0.0%	-0.3%	0.0%	0.0%	-1.2%	0.0%	-1.1%	-0.0%	-0.0%	0.4%	
Dec 01/Dec 00	1.1%	2.3%	1.0%	4.4%	3.2%	0.8%	3.1%	3.0%	2.7%	-1.8%	2.5%	4.0%	-17.8%	5.9%	-13.7%	1.4%	5.2%	5.7%	
2001/2000	5.1%	4.0%	2.0%	6.5%	4.1%	4.2%	5.1%	18.4%	11.5%	4.5%	12.8%	3.6%	-4.1%	1.5%	-3.6%	1.1%	5.3%	5.8%	

¹ Excluding VAT

² "Other inputs" includes maintenance and repairs, services other than veterinary, imports of young/store animals and miscellaneous materials

Table 3 Seasonally Adjusted¹ Agricultural Output Price Index²

Base year 1995=100

Period	Total outputs index	Finished cattle	Cows for slaughter	Store cattle	Sheep	Pigs	Poultry	Milk	Potatoes	Vegetables	
2000	January	86.8	81.8	65.7	78.0	109.9	81.0	90.5	92.4	45.2	104.0
	February	88.1	83.0	68.1	80.4	118.9	81.0	90.1	92.7	43.7	103.3
	March	87.6	81.4	68.5	78.9	113.7	83.6	89.3	93.6	42.8	102.6
	April	88.7	82.7	70.5	82.0	120.0	88.0	88.2	93.7	42.0	104.7
	May	88.9	84.4	74.3	86.0	102.1	88.9	88.6	93.9	45.2	106.6
	June	90.2	86.1	76.5	88.5	100.6	90.8	88.3	94.6	50.3	106.6
	July	91.3	85.0	75.5	88.5	104.3	90.7	87.6	95.9	93.9	109.7
	August	92.3	86.7	77.5	90.9	110.0	90.7	88.9	96.9	88.8	111.4
	September	93.5	87.6	78.7	91.2	115.1	92.7	89.0	97.4	89.2	111.4
	October	93.9	86.8	76.9	91.9	119.7	95.3	89.9	98.0	94.3	110.0
	November	93.7	84.5	67.1	88.5	127.1	99.5	89.8	98.6	96.9	112.3
	December	92.8	78.3	57.2	87.2	134.0	101.7	96.6	99.3	97.6	111.3
2001	January	95.8	86.6	67.5	92.7	142.1	103.4	89.9	99.1	107.2	111.5
	February	93.8	80.9	64.7	83.4	141.1	106.6	90.2	97.7	103.8	113.4
	March	95.0	80.7	63.8	80.5	146.2	112.4	90.6	99.4	106.0	115.7
	April	93.4	80.8	62.0	82.5	145.5	103.3	91.3	97.9	101.4	111.9
	May	94.1	78.3	59.8	80.3	148.7	105.8	90.9	99.8	90.6	124.2
	June	93.9	76.9	57.7	86.4	146.8	103.9	92.8	100.3	98.2	123.8
	July	95.3	76.8	58.7	82.3	156.2	100.7	91.9	99.9	181.6	112.6
	August	91.9	72.8	58.5	81.2	159.8	100.2	92.7	99.5	114.7	107.6
	September	93.8	75.2	61.7	83.2	171.9	98.0	92.0	100.4	100.4	111.2
	October	94.4	75.6	62.3	86.5	184.3	98.5	94.7	98.9	97.4	113.4
	November	95.1	77.3	64.8	90.8	198.0	96.4	93.5	98.0	84.1	112.4
	December	94.6	78.3	67.1	94.3	202.6	96.2	73.1	95.9	77.8	114.2
Dec 01/Nov 01		-0.5%	1.3%	3.5%	3.9%	2.3%	-0.2%	-21.8%	-2.1%	-7.5%	..

¹ The seasonally adjusted indices are recalculated each month

² Excluding VAT

.. Comparison not valid

Table 4 Seasonally Adjusted¹ Agricultural Input Price Index²

Base year 1995=100

Period	Total inputs index	Feeding stuffs					Fertilizers					
		Straight	Compound				All	Straight	Compound		All	
			Calf	Cattle	Pig	Poultry			NPK	PK		
2000	January	103.5	91.2	91.7	92.8	99.0	98.8	94.9	94.6	97.1	109.4	98.0
	February	104.2	91.5	90.8	92.9	99.1	100.0	95.2	95.5	97.7	110.0	98.8
	March	105.0	91.4	90.7	93.0	99.3	99.9	95.2	96.1	98.1	110.5	99.4
	April	105.2	91.4	90.7	93.0	99.1	99.9	95.2	97.9	99.3	111.0	100.6
	May	105.0	94.7	91.0	92.7	98.6	99.7	95.2	99.7	100.3	111.5	101.8
	June	106.3	94.5	91.9	93.0	100.3	100.6	95.9	101.7	101.3	112.3	103.2
	July	106.8	94.2	92.0	94.0	100.6	99.9	96.4	102.1	101.6	112.4	103.4
	August	107.5	94.5	92.8	94.6	101.1	101.6	96.9	103.4	102.1	113.0	104.2
	September	108.9	95.3	92.8	95.0	101.5	102.2	97.5	103.6	102.2	113.6	104.4
	October	109.9	98.4	94.3	96.3	101.9	103.0	98.6	107.8	103.9	115.9	106.8
	November	110.8	97.4	94.1	97.0	102.1	103.4	99.1	112.4	108.3	117.5	110.8
	December	111.3	97.2	94.8	97.6	103.0	104.4	99.9	117.9	109.8	118.1	113.5
2001	January	111.6	97.3	94.6	98.0	104.0	105.1	100.3	118.6	112.6	118.0	115.4
	February	111.4	97.7	93.8	98.3	103.2	105.3	100.3	120.1	113.7	117.8	116.6
	March	111.8	97.3	93.7	98.7	103.3	105.2	100.4	120.8	113.9	118.2	117.0
	April	112.0	96.9	94.0	99.0	103.4	105.4	100.6	122.7	114.7	118.7	118.2
	May	112.5	97.9	93.6	99.4	103.7	105.7	101.0	121.6	113.6	118.9	117.2
	June	112.9	97.5	92.7	99.3	104.1	105.3	100.8	121.0	113.2	118.8	116.9
	July	113.2	97.3	93.4	101.4	104.8	105.4	102.1	121.9	113.3	119.2	117.2
	August	113.1	98.1	93.3	102.0	105.0	105.5	102.3	122.7	113.8	119.0	117.7
	September	113.0	99.0	94.1	102.7	105.4	105.6	103.0	122.8	113.5	118.0	117.5
	October	113.0	99.4	95.1	102.4	106.0	105.8	103.0	123.1	113.7	117.5	117.5
	November	112.6	99.4	95.6	102.3	106.1	105.5	103.1	121.9	113.1	116.5	116.7
	December	112.6	99.5	95.8	101.9	106.3	105.3	103.0	121.4	112.8	115.9	116.4
Dec 01/Nov 01		0.0%	0.1%	0.2%	-0.4%	0.2%	-0.2%	-0.1%	-0.4%	-0.3%	-0.5%	-0.3%

¹ The seasonally adjusted indices are recalculated each month

² Excluding VAT

Table 5 Selected output prices at livestock martsaverage euro per head¹

Category	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000 ²
Bullocks										
200-249 kg	386	411	442	490	489	442	434	411	333	486
250-299 kg	449	467	506	541	534	479	506	466	406	562
300-349 kg	506	520	571	579	588	517	516	474	404	536
350-399 kg	567	579	634	656	644	562	540	496	470	587
400-449 kg	636	640	699	724	709	609	603	557	530	656
450-499 kg	710	708	766	784	773	660	650	606	591	696
500-549 kg	776	775	833	846	832	713	693	660	641	734
550+ kg	887	891	947	952	947	801	778	743	732	841
Heifers										
200-249 kg	321	328	359	398	377	334	313	286	237	328
250-299 kg	384	386	429	464	441	387	392	363	312	396
300-349 kg	452	452	497	522	504	440	420	392	322	413
350-399 kg	515	514	560	579	563	488	473	443	401	481
400-449 kg	580	576	628	646	629	544	528	499	467	542
Sheep										
30-39 kg	45	39	46	48	46	58	59	47	43	46
40-49 kg	52	48	54	59	56	68	72	62	56	60
50-59 kg	60	56	59	67	65	77	81	66	63	69
Pigs										
15-24 kg	30	32	23	26	32	37	29	20	19	25
25-34 kg	38	40	32	34	42	45	39	29	27	37
35-44 kg	44	47	39	41	49	55	47	37	31	44
45-54 kg	50	54	46	48	57	63	54	44	33	48

¹ Including VAT, rounded to nearest euro² 2000 data incorporates small differences in methodology

Table 6 Selected agricultural input prices

average euro per tonne¹

Category	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Feeding stuffs											
Straight											
Rolled barley	211	207	206	206	199	198	204	190	175	185	185
Barley meal	216	213	214	213	207	207	210	196	183	181	181
Soya bean meal	290	249	246	267	278	253	290	324	283	234	277
Maize meal	277	294	288	283	254	262	263	242	213	227	227
Maize flaked	368	380	377	365	351	349	360	355	344	336	336
Pig											
Pig grower	270	254	254	251	253	244	262	257	238	228	231
Pig fattening meal	248	247	249	249	247	248	261	248	242	239	238
Sow breeder	254	246	248	246	245	241	253	251	238	230	224
Sow weaner & bonham meal	265	257	261	258	257	252	267	259	251	241	245
Cattle											
Cattle fattening nuts & cubes 13-15% protein	216	206	206	208	209	208	217	207	195	192	198
Calf nuts & cubes 14-15% protein	242	232	232	236	238	241	251	232	214	204	213
Dairy nuts & cubes 13-15% protein	210	203	212	209	212	204	219	210	197	184	188
Dairy nuts & cubes 16-18% protein	220	210	211	213	216	213	224	216	203	195	201
Dairy meal 16-18% protein	225	214	219	218	219	217	228	219	202	190	195
Calf nuts & cubes 16-18% protein	243	233	235	235	236	233	248	240	227	221	227
Calf meal 16-18% protein	247	231	240	259	259	253	270	269	262	239	232
Milk replacer	1,615	1,493	1,537	1,608	1,638	1,661	1,716	1,681	1,674	1,660	1,669
Poultry											
Layer mash	275	264	260	263	263	257	267	261	260	266	276
Chick mash	315	307	308	308	306	291	301	303	298	285	292
Broiler finisher	342	330	329	334	328	313	327	319	311	305	304
Broiler starter	357	352	349	347	344	324	340	336	333	325	326
Fertilizers											
Straight											
Calcium ammonium nitrate 27.5% N	143	151	145	132	137	154	163	150	139	143	164
Urea 46% N	178	199	196	182	186	201	217	208	193	189	201
Muriate of potash 50% K	193	194	191	187	195	206	214	211	209	209	217
Granular superphosphate 16% P	246	242	240	233	239	249	256	253	252	261	268
Compound											
0-10-20	174	165	165	153	162	173	181	173	170	187	192
0-7-30	172	162	163	152	162	173	181	173	170	186	192
10-10-20	210	209	205	196	200	219	229	218	213	216	223
14-7-14	199	200	200	188	192	210	220	211	199	200	207
18-6-12	196	196	193	183	187	207	216	205	197	198	205
24-2.5-10	191	200	197	186	189	202	216	205	195	198	206
27-2.5-5	186	195	192	181	185	199	211	201	191	193	203

¹ 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, Food and Rural Development. 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 2000 with base 1995=100. A rebased series covering the period 1990-2000 was published on the 8 February 2002 and 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.

EU Annual changes in EU output price indices %

Country	Jul-Sep 2001 / Jul-Sep 2000			
	Total outputs	Cattle	Cereals	Pigs
European Union	4.9	-14.4	5.8	12.3
Austria	6.5	-15.0	0.3	11.5
Belgium	1.6	-28.3	1.2	9.9
Denmark	4.9	-17.4	1.3	12.6
Finland	5.3	2.5	-6.6	15.9
France	3.3	-20.2	6.0	11.3
Germany	4.8	-23.0	-3.0	10.3
Greece	8.5	-2.9	8.8	26.1
Ireland	3.4	-8.0	-1.5	17.5
Italy	6.8	-5.6	2.4	22.7
Luxembourg	2.4	-18.2	1.4	15.0
Netherlands	3.2	-41.2	0.1	3.2
Portugal	4.5	-1.0	10.0	22.0
Spain	4.5	-8.9	12.8	17.3
Sweden	1.6	3.3	8.2	12.9
United Kingdom	6.3	-0.2	13.7	-3.0

Source: New Cronos database, Eurostat

Annual changes in EU input price indices %

Country	Jul-Sep 2001 / Jul-Sep 2000			
	Total inputs	Energy	Fertilizers	Feeding Stuffs
European Union	4.0	-2.9	9.1	7.5
Austria	0.5	-0.6	18.4	-1.0
Belgium	2.7	-9.3	5.8	5.3
Denmark	7.9	-1.8	18.0	11.6
Finland	0.3	-5.8	7.4	1.3
France	2.5	-8.5	6.7	6.6
Germany	3.0	-0.4	10.7	6.0
Greece	1.6	-2.0	12.9	1.1
Ireland	9.0	-2.0	13.4	4.1
Italy	5.1	-7.8	4.1	10.9
Luxembourg	2.5	-7.4	6.1	5.8
Netherlands	5.6	8.8	8.2	6.1
Portugal	13.1	-8.7	17.5	17.3
Spain	2.1	-3.5	7.0	3.2
Sweden	7.7	6.1	20.9	12.1
United Kingdom	4.7	-3.3	8.7	12.8

Source: New Cronos database, Eurostat