

## **Producer Price Index - Agriculture (PPI-A)**

Fourth quarter 2005

(Base period year 2002 = 100)

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## **Producer Price Index - Agriculture (PPI-A)**

**Fourth quarter 2005**

**(Base period year 2002 = 100)**

### **1. Introduction**

The Producer Price Index-Agriculture (PPI-A) gives a measure of the average change in the selling prices which producers receive for their agricultural products.

This issue of the Economic and Social Indicators presents monthly PPI-A indices for the months of October, November and December 2005 as well as figures for preceding months updated in the light of additional information that have now become available.

A technical note on the construction of the PPI-A is annexed.

### **2. Producer Price Index - Agriculture: 4th Quarter 2005**

#### *2.1 Structure of the PPI-A (Base period: 2002=100)*

The PPI-A covers two sub-groups, namely: "Crop products" and "Animals and animal products". "Crop products" is further subdivided into "Sugar cane" and "Other crop products". Sugar cane heavily influences both the "overall" index and that of sub-group "Crop products", of which it constitutes 61.6% and 74.6% respectively.

#### *2.2 Changes in the monthly index*

The PPI-A stood at 118.6 in December 2005, following an increase of 3.0% in October, a drop of 3.1% in November and a slight increase of 0.5% in December (Table 2).

The index for "Crop products", which carries 82.6% of the total weight, went up by 3.8% in October, dropped by 3.5% in November and increased slightly by 0.3% in December. Among the crop products no change has been registered in the producer price of sugar cane during the fourth quarter since such price becomes available in final form only at the end of the crop year (July to June) and is assumed to have prevailed during the whole of the crop year.

As far as the "Other crop products" are concerned, the index went up by 18.2% in October mostly due to the combined effect of increases of 26.0% and 24.6% in the prices of fruits and fresh vegetables respectively and a decrease of 2.1% in the prices of "Flowers, ornamental plants". The index declined by 14.6% in November mainly as a result of decreases of 26.2% and 17.4% in the prices of fruits and fresh vegetables respectively. In December, a 6.7% rise in producer prices of fresh vegetables was almost mitigated by a 21.3% decrease in the prices of fruits, resulting in an increase of 1.6% in the index.

The index for the sub-group "Animals and animal products" slipped slightly by 0.8% in October, being the combined effect of increases of 15.3% and 5.6% in the prices of pigs and cattle respectively and a drop of 3.5% in the prices of eggs. In November, the index declined further by 1.4% as a result of a 5.9% decrease in prices of eggs, partially offset by a 12.4% rise in the prices of

cattle and another of 4.8% in those of pigs. Prices of eggs and pigs moved up in December by 4.2% and 3.0% respectively, causing the index to rise by 1.2%.

More details of changes on a month-to-month basis are given in Table 2 and changes over the corresponding month of the previous year in Table 3.

### *2.3 Changes in the quarterly index*

Table 4 gives the evolution of the PPI-A on a quarterly basis. The overall index for the fourth quarter of 2005 showed a rise of 1.9% over the previous quarter and an increase of 7.0% over the corresponding quarter of 2004.

Percentage changes on a quarterly basis and the net contributions of commodity groups and products are given in Table 5.

### *2.4 Changes in the yearly index*

Average prices producers received from the sale of agricultural products in the year 2005 were 6.7% higher compared to the previous year. The annual indices for the years 2003, 2004 and 2005, annual changes and the net contributions of commodity groups and products to the change are presented in Table 6.

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**Monthly Producer Price Index -Agriculture (PPI-A)**

(Base period:Year 2002=100)

**Table 1: Monthly indices by commodity groups and products, January 2003 - December 2005**

Commodity group	Weight	2005											
		January	February	March	April	May	June	July	August	September	October	November	December
<b>Crop products</b>	<b>825.8</b>	<b>112.8</b>	<b>121.3</b>	<b>132.9</b>	<b>143.7</b>	<b>132.4</b>	<b>118.7</b>	<b>117.1</b>	<b>117.0</b>	<b>119.6</b>	<b>124.2</b>	<b>119.9</b>	<b>120.3</b>
<b>Sugar cane</b>	<b>615.9</b>	<b>120.2</b>	<b>120.2</b>	<b>120.2</b>	<b>120.2</b>	<b>120.2</b>	<b>120.2</b>	<b>126.5</b>	<b>126.5</b>	<b>126.5</b>	<b>126.5</b>	<b>126.5</b>	<b>126.5</b>
<b>Other crop products</b>	<b>209.9</b>	<b>90.9</b>	<b>124.6</b>	<b>170.0</b>	<b>212.8</b>	<b>168.3</b>	<b>114.3</b>	<b>89.5</b>	<b>89.3</b>	<b>99.5</b>	<b>117.6</b>	<b>100.4</b>	<b>102.0</b>
Root crops	20.2	103.5	96.2	92.9	96.4	123.2	118.6	128.1	128.1	127.2	126.8	126.6	127.5
Fruits	28.8	101.7	102.6	85.0	83.8	78.5	77.1	78.3	90.2	99.4	125.2	92.4	72.7
Fresh vegetables	138.0	82.1	133.7	207.4	272.0	201.6	120.6	81.1	78.8	91.6	114.1	94.3	100.6
Flowers, ornamental plants	11.5	126.7	132.3	127.2	130.7	128.9	127.0	128.2	122.2	133.3	130.5	136.5	137.9
Tea	7.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
Tobacco <sup>1</sup>	4.1	133.9	133.9	133.9	133.9	133.9	133.9	133.9	133.9	133.9	133.9	133.9	133.9
<b>Animals &amp; animal products</b>	<b>174.2</b>	<b>111.9</b>	<b>112.0</b>	<b>112.6</b>	<b>112.7</b>	<b>113.4</b>	<b>114.0</b>	<b>113.0</b>	<b>111.6</b>	<b>111.5</b>	<b>110.6</b>	<b>109.1</b>	<b>110.4</b>
Cattle	2.2	105.5	105.5	108.2	109.5	109.5	111.4	115.0	115.0	115.0	121.4	136.4	136.4
Pigs	4.6	54.1	54.1	57.0	57.0	57.0	57.0	62.6	62.6	62.6	72.2	75.7	78.0
Goat	1.3	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0
Deer	5.8	104.3	104.3	104.3	104.3	105.0	108.3	108.3	108.3	108.3	108.3	108.3	108.3
Poultry	111.3	112.0	112.0	112.0	112.4	112.4	112.4	109.4	107.4	107.4	107.4	107.4	107.4
Eggs	45.2	119.6	120.1	121.9	121.2	123.6	125.7	128.2	127.9	127.4	122.9	115.7	120.6
Milk	3.8	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6
<b>Overall index</b>	<b>1,000.0</b>	<b>112.6</b>	<b>119.7</b>	<b>129.4</b>	<b>138.3</b>	<b>129.1</b>	<b>117.9</b>	<b>116.4</b>	<b>116.1</b>	<b>118.2</b>	<b>121.8</b>	<b>118.0</b>	<b>118.6</b>

<sup>1</sup> Provisional

<sup>2</sup> Revised

**Monthly Producer Price Index -Agriculture (PPI-A)**

**(Base period:Year 2002=100)**

**Table 1 (cont'd) : Monthly indices by commodity groups and products, January 2003 - December 2005**

Commodity group	Weight	2004											
		January	February	March	April	May	June	July	August	September	October	November	December
<b>Crop products</b>	<b>825.8</b>	<b>114.7</b>	<b>114.5</b>	<b>118.9</b>	<b>119.7</b>	<b>115.4</b>	<b>111.6</b>	<b>114.3</b>	<b>113.3</b>	<b>111.2</b>	<b>112.8</b>	<b>111.5</b>	<b>109.5</b>
<b>Sugar cane</b>	<b>615.9</b>	<b>113.2</b>	<b>113.2</b>	<b>113.2</b>	<b>113.2</b>	<b>113.2</b>	<b>113.2</b>	<b>120.2</b>	<b>120.2</b>	<b>120.2</b>	<b>120.2</b>	<b>120.2</b>	<b>120.2</b>
<b>Other crop products</b>	<b>209.9</b>	<b>118.9</b>	<b>118.5</b>	<b>135.6</b>	<b>138.9</b>	<b>121.9</b>	<b>106.8</b>	<b>97.0</b>	<b>92.9</b>	<b>84.8</b>	<b>91.2</b>	<b>85.9</b>	<b>78.0</b>
Root crops	20.2	102.2	85.3	90.8	94.3	100.8	110.4	117.7	117.9	116.7	116.8	117.6	117.1
Fruits	28.8	120.0	108.4	96.0	97.5	91.8	99.5	115.1	102.7	107.3	94.6	90.6	94.2
Fresh vegetables	138.0	122.1	126.5	154.4	158.6	133.1	107.1	88.0	84.1	70.8	82.6	75.6	62.8
Flowers, ornamental plants	11.5	120.9	118.4	118.6	118.3	116.3	117.0	115.4	117.6	119.7	125.9	122.3	123.2
Tea	7.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7 <sup>1</sup>	99.7 <sup>1</sup>	99.7 <sup>1</sup>	99.7	99.7
Tobacco	4.1	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3
<b>Animals &amp; animal products</b>	<b>174.2</b>	<b>104.3</b>	<b>108.7</b>	<b>110.3</b>	<b>113.0</b>	<b>113.0</b>	<b>113.4</b>	<b>114.9</b>	<b>114.8</b>	<b>113.6</b>	<b>110.3</b>	<b>111.3</b>	<b>112.5</b>
Cattle	2.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Pigs	4.6	75.0	75.0	75.0	72.8	72.8	72.8	76.0	71.5	71.5	54.1	54.1	54.1
Goat	1.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Deer	5.8	104.3	104.3	104.3	104.3	104.3	103.6	103.6	103.6	103.6	104.3	104.3	104.3
Poultry	111.3	103.5	107.2	109.1	112.9	112.9	113.1	114.4	114.4	114.4	113.5	113.5	113.5
Eggs	45.2	109.6	117.3	118.7	120.2	120.0	121.3	123.6	123.4	119.0	110.0	113.8	118.6
Milk	3.8	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6
<b>Overall index</b>	<b>1,000.0</b>	<b>112.9</b>	<b>113.5</b>	<b>117.4</b>	<b>118.5</b>	<b>115.0</b>	<b>111.9</b>	<b>114.4</b>	<b>113.6</b>	<b>111.6</b>	<b>112.4</b>	<b>111.5</b>	<b>110.0</b>

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<sup>1</sup> Revised

**Monthly Producer Price Index -Agriculture (PPI-A)**

**(Base period:Year 2002=100)**

**Table 1 (cont'd) : Monthly indices by commodity groups and products, January 2003 - December 2005**

Commodity group	Weight	2003											
		January	February	March	April	May	June	July	August	September	October	November	December
<b>Crop products</b>	<b>825.8</b>	<b>99.1</b>	<b>106.0</b>	<b>112.4</b>	<b>112.9</b>	<b>115.2</b>	<b>110.9</b>	<b>110.5</b>	<b>108.4</b>	<b>105.9</b>	<b>106.3</b>	<b>109.0</b>	<b>107.8</b>
<b>Sugar cane</b>	<b>615.9</b>	<b>104.5</b>	<b>104.5</b>	<b>104.5</b>	<b>104.5</b>	<b>104.5</b>	<b>104.5</b>	<b>113.2</b>	<b>113.2</b>	<b>113.2</b>	<b>113.2</b>	<b>113.2</b>	<b>113.2</b>
<b>Other crop products</b>	<b>209.9</b>	<b>83.4</b>	<b>110.5</b>	<b>135.5</b>	<b>137.6</b>	<b>146.8</b>	<b>129.5</b>	<b>102.7</b>	<b>94.3</b>	<b>84.5</b>	<b>86.2</b>	<b>96.6</b>	<b>92.1</b>
Root crops	20.2	90.5	94.1	91.1	102.5	107.8	99.7	100.6	101.5	100.9	110.0	111.1	111.0
Fruits	28.8	95.6	100.4	102.1	86.7	77.8	80.1	78.3	86.0	103.9	114.3	113.1	102.7
Fresh vegetables	138.0	76.4	115.9	154.7	159.5	174.3	148.8	107.9	93.3	74.2	73.2	89.7	84.8
Flowers, ornamental plants	11.5	105.4	107.5	99.7	98.3	101.9	101.0	105.7	106.2	112.7	114.0	107.1	110.4
Tea	7.3	100.1	100.1	100.1	100.1	100.1	100.1	99.3	99.3	99.3	99.3	99.3	99.3
Tobacco	4.1	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3
<b>Animals &amp; animal products</b>	<b>174.2</b>	<b>97.9</b>	<b>98.8</b>	<b>99.4</b>	<b>99.9</b>	<b>102.6</b>	<b>105.3</b>	<b>105.8</b>	<b>104.1</b>	<b>103.3</b>	<b>99.0</b>	<b>100.0</b>	<b>102.5</b>
Cattle	2.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Pigs	4.6	100.0	100.0	100.0	97.2	97.2	97.2	76.1	83.5	79.3	77.2	77.2	77.2
Goat	1.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Deer	5.8	102.2	102.2	102.2	102.2	102.2	103.6	103.6	103.6	104.3	104.3	104.3	104.3
Poultry	111.3	101.3	101.3	101.3	101.3	101.6	101.6	103.1	103.5	103.5	103.1	103.1	103.1
Eggs	45.2	88.5	91.7	93.8	96.0	105.5	116.0	116.3	107.9	105.1	90.0	93.7	103.4
Milk	3.8	100.0	100.0	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6
<b>Overall Index</b>	<b>1,000.0</b>	<b>98.9</b>	<b>104.7</b>	<b>110.1</b>	<b>110.6</b>	<b>113.0</b>	<b>109.9</b>	<b>109.7</b>	<b>107.7</b>	<b>105.4</b>	<b>105.0</b>	<b>107.4</b>	<b>106.9</b>

**Monthly Producer Price Index -Agriculture (PPI-A)**

**(Base period:Year 2002=100)**

**Table 2 : Percentage changes from previous month by commodity groups and products, January 2005 - December 2005**

Commodity group	Weight	Percentage changes from											
		Dec 04 to Jan 05	Jan 05 to Feb 05	Feb 05 to Mar 05	Mar 05 to Apr 05	Apr 05 to May 05	May 05 to Jun 05	June 05 to July 05	July 05 to Aug 05	Aug 05 to Sep 05	Sep 05 to Oct 05	Oct 05 to Nov 05	Nov 05 to Dec 05
		<b>Crop products</b>	<b>825.8</b>	<b>3.0</b>	<b>7.5</b>	<b>9.6</b>	<b>8.1</b>	<b>-7.9</b>	<b>-10.3</b>	<b>-1.3</b>	<b>-0.1</b>	<b>2.2</b>	<b>3.8</b>
<b>Sugar cane</b>	<b>615.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>5.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Other crop products</b>	<b>209.9</b>	<b>16.5</b>	<b>37.1</b>	<b>36.4</b>	<b>25.2</b>	<b>-20.9</b>	<b>-32.1</b>	<b>-21.7</b>	<b>-0.2</b>	<b>11.4</b>	<b>18.2</b>	<b>-14.6</b>	<b>1.6</b>
Root crops	20.2	-11.6	-7.1	-3.4	3.8	27.8	-3.7	8.0	0.0	-0.7	-0.3	-0.2	0.7
Fruits	28.8	8.0	0.9	-17.2	-1.4	-6.3	-1.8	1.6	15.2	10.2	26.0	-26.2	-21.3
Fresh vegetables	138.0	30.7	62.9	55.1	31.1	-25.9	-40.2	-32.8	-2.8	16.2	24.6	-17.4	6.7
Flowers, ornamental plants	11.5	2.8	4.4	-3.9	2.8	-1.4	-1.5	0.9	-4.7	9.1	-2.1	4.6	1.0
Tea	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tobacco	4.1	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Animals &amp; animal products</b>	<b>174.2</b>	<b>-0.5</b>	<b>0.1</b>	<b>0.5</b>	<b>0.1</b>	<b>0.6</b>	<b>0.5</b>	<b>-0.9</b>	<b>-1.2</b>	<b>-0.1</b>	<b>-0.8</b>	<b>-1.4</b>	<b>1.2</b>
Cattle	2.2	5.5	0.0	2.6	1.2	0.0	1.7	3.2	0.0	0.0	5.6	12.4	0.0
Pigs	4.6	0.0	0.0	5.4	0.0	0.0	0.0	9.8	0.0	0.0	15.3	4.8	3.0
Goat	1.3	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Deer	5.8	0.0	0.0	0.0	0.0	0.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0
Poultry	111.3	-1.3	0.0	0.0	0.4	0.0	0.0	-2.7	-1.8	0.0	0.0	0.0	0.0
Eggs	45.2	0.8	0.4	1.5	-0.6	2.0	1.7	2.0	-0.2	-0.4	-3.5	-5.9	4.2
Milk	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Overall change</b>	<b>1,000.0</b>	<b>2.4</b>	<b>6.3</b>	<b>8.1</b>	<b>6.9</b>	<b>-6.7</b>	<b>-8.7</b>	<b>-1.3</b>	<b>-0.3</b>	<b>1.8</b>	<b>3.0</b>	<b>-3.1</b>	<b>0.5</b>

**Monthly Producer Price Index -Agriculture (PPI-A)**  
**(Base period: Year 2002=100)**

**Table 3: Percentage changes from corresponding month of previous year by commodity groups and products, January 2005-December 2005**

Commodity group	Weight	Percentage changes from											
		Jan 04 to Jan 05	Feb 04 to Feb 05	Mar 04 to Mar 05	Apr 04 to Apr 05	May 04 to May 05	Jun 04 to Jun 05	Jul 04 to Jul 05	Aug 04 to Aug 05	Sept 04 to Sept 05	Oct 04 to Oct 05	Nov 04 to Nov 05	Dec 04 to Dec 05
<b>Crop products</b>	<b>825.8</b>	<b>-1.7</b>	<b>5.9</b>	<b>11.8</b>	<b>20.1</b>	<b>14.7</b>	<b>6.4</b>	<b>2.4</b>	<b>3.3</b>	<b>7.6</b>	<b>10.1</b>	<b>7.5</b>	<b>9.9</b>
<b>Sugar cane</b>	<b>615.9</b>	<b>6.2</b>	<b>6.2</b>	<b>6.2</b>	<b>6.2</b>	<b>6.2</b>	<b>6.2</b>	<b>5.2</b>	<b>5.2</b>	<b>5.2</b>	<b>5.2</b>	<b>5.2</b>	<b>5.2</b>
<b>Other crop products</b>	<b>209.9</b>	<b>-23.5</b>	<b>5.1</b>	<b>25.4</b>	<b>53.2</b>	<b>38.1</b>	<b>7.0</b>	<b>-7.7</b>	<b>-3.9</b>	<b>17.3</b>	<b>29.1</b>	<b>16.9</b>	<b>30.8</b>
Root crops	20.2	1.3	12.8	2.3	2.2	22.2	7.4	8.8	8.7	9.0	8.6	7.7	8.9
Fruits	28.8	-15.3	-5.4	-11.5	-14.1	-14.5	-22.5	-32.0	-12.2	-7.4	32.3	2.0	-22.8
Fresh vegetables	138.0	-32.8	5.7	34.3	71.5	51.5	12.6	-7.8	-6.3	29.4	38.1	24.7	60.2
Flowers, ornamental plants	11.5	4.8	11.7	7.3	10.5	10.8	8.5	11.1	3.9	11.4	3.7	11.6	11.9
Tea	7.3	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0
Tobacco	4.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
<b>Animals &amp; animal products</b>	<b>174.2</b>	<b>7.3</b>	<b>3.0</b>	<b>2.1</b>	<b>-0.3</b>	<b>0.4</b>	<b>0.5</b>	<b>-1.7</b>	<b>-2.8</b>	<b>-1.8</b>	<b>0.3</b>	<b>-2.0</b>	<b>-1.9</b>
Cattle	2.2	5.5	5.5	8.2	9.5	9.5	11.4	15.0	15.0	15.0	21.4	36.4	36.4
Pigs	4.6	-27.9	-27.9	-24.0	-21.7	-21.7	-21.7	-17.6	-12.4	-12.4	33.5	39.9	44.2
Goat	1.3	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Deer	5.8	0.0	0.0	0.0	0.0	0.7	4.5	4.5	4.5	4.5	3.8	3.8	3.8
Poultry	111.3	8.2	4.5	2.7	-0.4	-0.4	-0.6	-4.4	-6.1	-6.1	-5.4	-5.4	-5.4
Eggs	45.2	9.1	2.4	2.7	0.8	3.0	3.6	3.7	3.6	7.1	11.7	1.7	1.7
Milk	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Overall Index</b>	<b>1,000.0</b>	<b>-0.3</b>	<b>5.5</b>	<b>10.2</b>	<b>16.7</b>	<b>12.3</b>	<b>5.4</b>	<b>1.7</b>	<b>2.2</b>	<b>5.9</b>	<b>8.4</b>	<b>5.8</b>	<b>7.8</b>

**Quarterly Producer Price Index -Agriculture (PPI-A)**

**(Base period:Year 2002=100)**

**Table 4: Quarterly indices <sup>1</sup> by commodity groups and products, 1st Quarter 2004 - 4th Quarter 2005**

Commodity group	Weight	2004				2005			
		1st Qr	2nd Qr	3rd Qr	4th Qr	1st Qr	2nd Qr	3rd Qr	4th Qr
<b>Crop products</b>	<b>825.8</b>	<b>116.0</b>	<b>115.4</b>	<b>112.9</b>	<b>111.4</b>	<b>121.2</b>	<b>130.8</b>	<b>118.0</b>	<b>121.1</b>
<b>Sugar cane</b>	<b>615.9</b>	<b>113.2</b>	<b>113.2</b>	<b>120.2</b>	<b>120.2</b>	<b>120.2</b>	<b>120.2</b>	<b>126.5 <sup>2</sup></b>	<b>126.5 <sup>2</sup></b>
<b>Other crop products</b>	<b>209.9</b>	<b>124.4</b>	<b>121.9</b>	<b>91.4</b>	<b>85.4</b>	<b>124.0</b>	<b>162.0</b>	<b>93.0</b>	<b>105.4</b>
Root crops	20.2	97.4	107.7	117.5	117.2	100.6	117.0	127.9	127.0
Fruits	28.8	113.2	96.4	108.1	93.3	99.3	79.8	90.1	86.1
Fresh vegetables	138.0	132.7	131.1	80.8	74.2	133.2	192.6	84.0	103.2
Flowers, ornamental plants	11.5	119.3	117.2	117.6	123.8	128.7	128.9	127.9 <sup>3</sup>	135.0 <sup>2</sup>
Tea <sup>2</sup>	7.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
Tobacco	4.1	116.3	116.3	116.3	116.3	133.9 <sup>2</sup>	133.9 <sup>2</sup>	133.9 <sup>2</sup>	133.9 <sup>2</sup>
<b>Animals &amp; animal products</b>	<b>174.2</b>	<b>107.8</b>	<b>113.2</b>	<b>114.4</b>	<b>111.3</b>	<b>112.2</b>	<b>113.4</b>	<b>112.0</b>	<b>110.0</b>
Cattle	2.2	100.0	100.0	100.0	100.0	106.4	110.1	115.0	131.4
Pigs	4.6	75.0	72.8	73.0	54.1	55.1	57.0	62.6	75.3
Goat	1.3	100.0	100.0	100.0	100.0	105.0	105.0	105.0	105.0
Deer	5.8	104.3	104.1	103.6	104.3	104.3	105.9	108.3	108.3
Poultry	111.3	106.6	113.0	114.4	113.5	112.0	112.4	108.1	107.4
Eggs	45.2	115.2	120.5	122.0	114.1	120.5	123.5	127.8	119.7
Milk	3.8	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6
<b>Overall index</b>	<b>1,000.0</b>	<b>114.6</b>	<b>115.0</b>	<b>113.2</b>	<b>111.4</b>	<b>119.6</b>	<b>127.8</b>	<b>117.0</b>	<b>119.2</b>

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<sup>1</sup> Using data for base period as weights, and not a simple average of the monthly indices

<sup>2</sup> Provisional

<sup>3</sup> Revised

## Quarterly Producer Price Index -Agriculture (PPI-A)

(Base period:Year 2002=100)

**Table 5: Quarterly changes (%) and net contributions of commodity groups and products to the change, 4th quarter 2004 - 4th quarter 2005**

Commodity group	Weight	Percentage changes from previous quarter				Percentage changes from corresponding quarter of previous year				Net contributions from			
		4th Qr 04 to 1st Qr 05	1st Qr 05 to 2nd Qr 05	2nd Qr 05 to 3rd Qr 05	3rd Qr 05 to 4th Qr 05	1st Qr 04 to 1st Qr 05	2nd Qr 04 to 2nd Qr 05	3rd Qr 04 to 3rd Qr 05	4th Qr 04 to 4th Qr 05	4th Qr 04 to 1st Qr 05	1st Qr 05 to 2nd Qr 05	2nd Qr 05 to 3rd Qr 05	3rd Qr 05 to 4th Qr 05
		<b>Crop products</b>	<b>825.8</b>	<b>8.8</b>	<b>7.9</b>	<b>-9.8</b>	<b>2.6</b>	<b>4.5</b>	<b>13.3</b>	<b>4.5</b>	<b>8.7</b>	<b>8.1</b>	<b>7.9</b>
<b>Sugar cane</b>	<b>615.9</b>	<b>0.0</b>	<b>0.0</b>	<b>5.2</b>	<b>0.0</b>	<b>6.1</b>	<b>6.1</b>	<b>5.2</b>	<b>5.2</b>	<b>0.0</b>	<b>0.0</b>	<b>3.8</b>	<b>0.0</b>
<b>Other crop products</b>	<b>209.9</b>	<b>45.2</b>	<b>30.6</b>	<b>-42.6</b>	<b>13.3</b>	<b>-0.3</b>	<b>32.8</b>	<b>1.7</b>	<b>23.4</b>	<b>8.1</b>	<b>7.9</b>	<b>-14.4</b>	<b>2.5</b>
Root crops	20.2	-14.2	16.3	9.3	-0.7	3.2	8.6	8.8	8.3	-0.3	0.3	0.2	0.0
Fruits	28.8	6.4	-19.6	12.9	-4.4	-12.2	-17.2	-16.6	-7.7	0.1	-0.5	0.2	-0.1
Fresh vegetables	138.0	79.5	44.6	-56.4	22.9	0.3	46.9	3.9	39.0	8.1	8.1	-14.9	2.6
Flowers, ornamental plants	11.5	4.0	0.2	-0.8	5.6	7.8	9.9	8.7	9.0	0.0	0.0	0.0	0.0
Tea	7.3	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0
Tobacco	4.1	15.1	0.0	0.0	0.0	15.1	15.1	15.1	15.1	0.0	0.0	0.0	0.0
<b>Animals &amp; animal products</b>	<b>174.2</b>	<b>0.8</b>	<b>1.1</b>	<b>-1.2</b>	<b>-1.8</b>	<b>4.0</b>	<b>0.1</b>	<b>-2.0</b>	<b>-1.1</b>	<b>0.1</b>	<b>0.2</b>	<b>-0.2</b>	<b>-0.3</b>
Cattle	2.2	6.4	3.5	4.5	14.3	6.4	10.1	15.0	31.4	0.0	0.0	0.0	0.0
Pigs	4.6	1.8	3.4	9.8	20.3	-26.5	-21.7	-14.2	39.1	0.0	0.0	0.0	0.0
Goat	1.3	5.0	0.0	0.0	0.0	5.0	5.0	5.0	5.0	0.0	0.0	0.0	0.0
Deer	5.8	0.0	1.5	2.3	0.0	0.0	1.7	4.5	3.8	0.0	0.0	0.0	0.0
Poultry	111.3	-1.3	0.4	-3.8	-0.6	5.0	-0.5	-5.5	-5.3	-0.1	0.0	-0.4	0.0
Eggs	45.2	5.6	2.5	3.5	-6.3	4.6	2.4	4.7	4.9	0.2	0.1	0.1	-0.3
Milk	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	5.4
<b>Overall index</b>	<b>1,000.0</b>	<b>7.4</b>	<b>6.9</b>	<b>-8.5</b>	<b>1.9</b>	<b>4.3</b>	<b>11.1</b>	<b>3.4</b>	<b>7.0</b>	<b>8.2</b>	<b>8.1</b>	<b>-10.8</b>	<b>2.2</b>

## Annual Producer Price Index -Agriculture (PPI-A)

(Base period:Year 2002=100)

**Table 6 : Annual indices, Annual changes (%) and Net contributions of commodity groups and products to the change, 2003 - 2005**

Commodity group	Weight	Annual index <sup>1</sup>			Percentage changes from		Net contributions from	
		2003	2004	2005	2003 to 2004	2004 to 2005	2003 to 2004	2004 to 2005
<b>Crop products</b>	<b>825.8</b>	<b>108.0</b>	<b>113.1</b>	<b>122.2</b>	<b>4.7</b>	<b>8.0</b>	<b>4.21</b>	<b>7.51</b>
<b>Sugar cane</b>	<b>615.9</b>	<b>108.9</b>	<b>116.7</b>	<b>123.4</b> <sup>2</sup>	<b>7.2</b>	<b>5.7</b>	<b>4.80</b>	<b>4.13</b>
<b>Other crop products</b>	<b>209.9</b>	<b>105.5</b>	<b>102.6</b>	<b>118.6</b>	<b>-2.7</b>	<b>15.6</b>	<b>-0.61</b>	<b>3.36</b>
Root crops	20.2	104.8	116.1	125.9	10.8	8.4	0.23	0.20
Fruits	28.8	98.8	101.7	89.8	2.9	-11.7	0.08	-0.34
Fresh vegetables	138.0	107.2	99.2	123.1	-7.5	24.1	-1.10	3.30
Flowers, ornamental plants	11.5	105.8	119.5	130.1	12.9	8.9	0.16	0.12
Tea	7.3	99.7	99.5	99.7	-0.2	0.2	0.00	0.00
Tobacco	4.1	106.3	116.3	133.9	9.4	15.1	0.04	0.07
<b>Animals &amp; animal products</b>	<b>174.2</b>	<b>101.5</b>	<b>111.6</b>	<b>112.0</b>	<b>10.0</b>	<b>0.4</b>	<b>1.76</b>	<b>0.07</b>
Cattle	2.2	100.0	100.0	117.5	0.0	17.5	0.00	0.04
Pigs	4.6	87.9	63.4	62.9	-27.9	-0.8	-0.11	0.00
Goat	1.3	100.0	100.0	105.0	0.0	5.0	0.00	0.01
Deer	5.8	103.3	104.1	106.7	0.8	2.5	0.00	0.02
Poultry	111.3	102.3	111.9	110.0	9.4	-1.7	1.07	-0.21
Eggs	45.2	100.7	118.0	122.9	17.2	4.2	0.78	0.22
Milk	3.8	104.7	105.6	105.6	0.9	0.0	0.00	0.00
<b>Overall index</b>	<b>1,000.0</b>	<b>106.9</b>	<b>112.8</b>	<b>120.4</b>	<b>5.5</b>	<b>6.7</b>	<b>5.90</b>	<b>7.60</b>

<sup>1</sup> using data for base period as weights, and not a simple average of the monthly indices

<sup>2</sup> Provisional

<sup>3</sup> Revised

**Technical Note**  
**Producer Price Index - Agriculture (PPI-A)**

**Methodology for the construction of the PPI-A**

*Weighting scheme*

The weights are derived by multiplying the average of production during 2001, 2002 and 2003 by the average of unit prices in 2002, the reference period. The weight is assigned to each commodity group on the basis of total production (as a proxy for sales) pertaining to the particular group. At commodity level, the weights are apportioned within the commodity group on the basis of production of each product.

Quarterly and annual indices have been computed using a weighting system based on the production value for the base period.

*Coverage*

The bulk of the products in agriculture, with the exception of forestry, fishing and agricultural services, is taken into account in the producer price index. Thus, about 83% of the total value of agricultural production is covered.

*Price collection*

In principle, prices collected should refer to farm-gate prices, but it is extremely difficult to obtain such prices for vegetables, not only because of the enormous resources to be mobilised but also crop plantations tend to be very dynamic among planters. Hence, in lieu of the farm-gate price, the wholesale price of the produce is recorded at the two main auction markets (Vacoas and Port-Louis) once a week.

In the case of commodities for which prices are fairly stable, data suppliers are visited on a quarterly basis, but prices are collected for each month of the quarter.

Prices of the main commercial crops like sugar cane, tea leaf and tobacco leaf, which are normally fixed for the crop year, are supplied by the respective marketing agencies.

*Index calculation*

The PPI-A is calculated according to a modified Laspeyres formula:

$$I_t = \frac{\sum W_i (P_{ti}/P_{oi})}{\sum W_i} \times 100$$

where :

$I_t$  is the index for the current period t

$P_{ti}$  is the price of commodity i in the current period t

$P_{oi}$  is the price of the commodity i in the reference period o (2002)

$W_i$  is the weight associated with commodity i