

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

**(October – December 1999)**

**(Base period : Year 1993 = 100)**

## **Introduction**

This issue of the Economic and Social Indicators presents monthly indices of agricultural prices for the period October to December 1999 as well as revised figures for the preceding periods.

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. It is recalled that the indices are calculated using calendar year 1993 as the reference period and that the quarterly and annual indices are not simple averages of the monthly indices but have been computed using weights for the base period.

## **2 Structure of the PPI-A**

The Producer Price Index Agriculture (PPI-A) covers two sub-groups, namely "Crop Products" and "Animals and animal Products". The sub-group "Crop Products" is further divided into "Sugar Cane" and "Other Crop Products". The overall index as well as the "Crop Product" index are heavily affected by sugar cane which constitutes 82.6% of the weight of the sub-group "Crop Products" and 71.9% of the total weight. The price of sugar cane itself is available in final form only at the end of the crop year (July to June) and this price is assumed to have prevailed during every month of the crop year.

### **2.1 Changes in the monthly index**

The overall index of the PPI-A which stood at 142.9 in September 1999 registered slight increases in October (0.2%) and in November (0.4%) before falling to 142.8 (-0.7%) in December.

The index for the sub-group "Crop Products" moved up from 146.6 in September 1999 to 147.4 in October (0.5%) and 148.4 in November (0.7%) mainly due to price increases in fresh vegetables: particularly tomatoes and ginger. However, in December the index dropped to 147.0 (-0.9%) mainly as a result of decreases in the prices of tomatoes and fruits.

On the other hand, the index for the sub-group "Animals and Animal Products" continued to fall from 118.3 in September 1999 to 114.7 in October (-3.0%) and to 113.0 in November (-1.5%) mainly because of decreases in the prices of eggs and poultry. In December, the index edged up by 1.2% to attain 114.4 following an 8.7% rise in the price of eggs.

Further details of changes by commodity group on a month-to-month basis and changes over the corresponding month of previous year are given in Tables 2 and 3.

## **2.2 Changes in the quarterly index**

Table 4 gives the evolution of the Producer Price Index (PPI-A) on a quarterly basis. The overall index for the fourth quarter of 1999 works out to 142.9 showing a drop of 1.4% over the previous quarter. However, compared to the corresponding quarter of 1998, a drop of 5.1% is observed.

Table 5 shows percentage changes on a quarterly basis and the net contributions of commodity groups and products to the change.

## **2.3 Changes in the annual index**

A weighted average of the monthly indices has been worked out to obtain the annual average. This annual index stood at 148.7 in 1999 which compared to 147.3 in 1998 shows an average increase of 1.0% in the prices of agricultural products. Details of changes by main commodity groups, shown in Table 6, are as follows: "Sugar cane" (+1.6%), "Other Crop Products" (-0.2%) and "Animals and Animal Products" (-2.2%).

---

Central Statistical Office  
Ministry of Economic Development, Productivity and Regional Development  
Port Louis

March 2000

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

(Base period: Year 1993=100)

Table 1 : Monthly indices by commodity groups and products, January 1998 - December 1999

| Commodity Group                      | Weight       | 1999    |          |       |       |       |                    |                    |                    |                    |                    |                    |                    |
|--------------------------------------|--------------|---------|----------|-------|-------|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                                      |              | January | February | March | April | May   | June               | July               | August             | September          | October            | November           | December           |
| <b>Crop Products</b>                 | <b>871.0</b> | 157.3   | 157.9    | 159.1 | 164.0 | 161.5 | 157.9              | 148.4              | 148.5              | 146.6              | 147.4              | 148.4              | 147.0              |
| Sugar cane                           | 719.3        | 161.1   | 161.1    | 161.1 | 161.1 | 161.1 | 150.2 <sup>1</sup> | 150.2 <sup>1</sup> | 150.2 <sup>1</sup> | 150.2 <sup>1</sup> | 150.2 <sup>1</sup> | 150.2 <sup>1</sup> | 150.2 <sup>1</sup> |
| <b>Other crop products</b>           | <b>151.7</b> | 139.4   | 142.8    | 149.9 | 178.0 | 163.3 | 142.6              | 140.0              | 140.5              | 129.8              | 134.2              | 140.0              | 131.7              |
| Cereal                               | 1.9          | 100.0   | 100.0    | 100.0 | 100.0 | 100.0 | 100.0              | 100.0              | 100.0              | 100.0              | 100.0              | 100.0              | 100.0              |
| Root Crops                           | 16.0         | 159.3   | 198.6    | 188.9 | 213.2 | 218.0 | 206.7              | 166.8              | 166.8              | 171.4              | 170.3              | 170.1              | 170.9              |
| Fruits                               | 21.9         | 121.8   | 125.7    | 169.2 | 159.0 | 164.8 | 149.5              | 168.3              | 199.2              | 168.8              | 171.5              | 151.3              | 110.7              |
| Fresh vegetables                     | 68.2         | 153.2   | 149.7    | 154.5 | 214.9 | 179.2 | 140.6              | 137.0              | 127.7              | 112.4              | 120.2              | 140.6              | 134.9              |
| Flowers, Ornamental plants           | 11.2         | 111.7   | 115.3    | 111.2 | 109.4 | 110.3 | 110.3              | 117.2 <sup>2</sup> | 123.4 <sup>2</sup> | 126.2 <sup>2</sup> | 129.1 <sup>1</sup> | 124.3 <sup>1</sup> | 124.4 <sup>1</sup> |
| Tea <sup>1</sup>                     | 21.2         | 133.0   | 133.0    | 133.0 | 133.0 | 133.0 | 133.0              | 133.0              | 133.0              | 133.0              | 133.0              | 133.0              | 133.0              |
| Tobacco <sup>2</sup>                 | 11.3         | 109.0   | 109.0    | 109.0 | 109.0 | 109.0 | 109.0              | 109.0              | 109.0              | 109.0              | 109.0              | 109.0              | 109.0              |
| <b>Animals &amp; Animal Products</b> | <b>129.0</b> | 126.7   | 130.2    | 131.1 | 129.7 | 128.3 | 129.7              | 129.5              | 127.8              | 118.3              | 114.7              | 113.0              | 114.4              |
| Cattle                               | 5.5          | 97.3    | 97.3     | 94.4  | 94.4  | 94.4  | 94.4               | 94.4               | 94.4               | 94.4               | 94.4               | 94.4               | 94.4               |
| Pigs                                 | 7.0          | 126.4   | 126.4    | 126.4 | 113.6 | 100.3 | 100.3              | 100.3              | 100.3              | 100.3              | 100.3              | 100.3              | 100.3              |
| Goat                                 | 4.0          | 147.9   | 147.9    | 147.9 | 147.9 | 147.9 | 147.9              | 147.9              | 147.9              | 147.9              | 147.9              | 147.9              | 147.9              |
| Sheep                                | 0.3          | 116.7   | 116.7    | 116.7 | 116.7 | 116.7 | 116.7              | 116.7              | 116.7              | 116.7              | 116.7              | 116.7              | 116.7              |
| Deer                                 | 6.4          | 126.3   | 126.3    | 126.3 | 126.3 | 126.3 | 132.8              | 132.8              | 132.8              | 132.8              | 133.2              | 133.2              | 133.2              |
| Poultry                              | 56.9         | 128.6   | 128.6    | 128.6 | 128.6 | 128.6 | 128.6              | 128.6              | 128.6              | 128.6              | 128.7              | 125.3              | 125.3              |
| Eggs                                 | 33.8         | 128.8   | 142.3    | 146.1 | 143.4 | 140.7 | 144.7              | 144.0              | 137.3              | 101.4              | 87.3               | 86.5               | 94.0               |
| Milk                                 | 14.7         | 120.0   | 120.0    | 120.0 | 120.0 | 120.0 | 120.0              | 120.0              | 120.0              | 120.0              | 120.0              | 120.0              | 120.0              |
| Honey                                | 0.4          | 140.0   | 140.0    | 140.0 | 141.7 | 150.7 | 150.7              | 156.5              | 156.5              | 150.7              | 156.5              | 139.1              | 139.1              |
| <b>Overall Index</b>                 | <b>1000</b>  | 153.4   | 154.3    | 155.5 | 159.6 | 157.2 | 154.3              | 146.0              | 145.8              | 142.9              | 143.2              | 143.8              | 142.8              |

<sup>1</sup> Provisional

<sup>2</sup> Revised

**Monthly Producer Price Index - Agriculture (PPI-A)**  
(Base period: Year 1993=100)

**Table 1 (Cont'd) : Monthly indices by commodity groups and products, January 1998 - December 1999**

| Commodity Group                      | Weight         | 1998  |       |       |       |       |                    |                    |                    |                    |                    |                    |                    |
|--------------------------------------|----------------|-------|-------|-------|-------|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                                      |                | Jan   | Feb   | Mar   | Apr   | May   | Jun                | Jul                | Aug                | Sep                | Oct                | Nov                | Dec                |
| <b>Crop Products</b>                 | <b>871.0</b>   | 141.4 | 144.5 | 160.8 | 158.7 | 145.0 | 141.8              | 153.8              | 154.5              | 155.3              | 155.3              | 154.4              | 155.4              |
| Sugar cane                           | 719.3          | 145.0 | 145.0 | 145.0 | 145.0 | 145.0 | 161.1              | 161.1              | 161.1              | 161.1              | 161.1              | 161.1              | 161.1              |
| <b>Other crop products</b>           | <b>151.7</b>   | 124.3 | 142.2 | 235.5 | 223.5 | 145.1 | 126.4              | 119.4              | 123.4              | 127.6              | 127.8              | 122.5              | 128.5              |
| Cereal                               | 1.9            | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0              | 100.0              | 100.0              | 100.0              | 100.0              | 100.0              | 100.0              |
| Root Crops                           | 16.0           | 158.1 | 191.8 | 200.6 | 189.1 | 225.0 | 190.1              | 159.0              | 159.1              | 162.4              | 154.6              | 157.7              | 158.1              |
| Fruits                               | 21.9           | 133.5 | 96.2  | 139.2 | 138.2 | 137.5 | 125.9              | 140.5              | 146.0              | 149.2              | 144.5              | 130.9              | 114.9              |
| Fresh vegetables                     | 68.2           | 115.2 | 159.4 | 351.3 | 327.9 | 145.2 | 115.7              | 102.1              | 109.5              | 116.8              | 118.8              | 110.8              | 129.8              |
| Flowers, Ornamental plants           | 11.2           | 109.8 | 109.2 | 107.8 | 106.6 | 106.0 | 104.8              | 108.3              | 107.6              | 109.0              | 119.3              | 118.7              | 115.1              |
| Tea                                  | 21.2           | 133.0 | 133.0 | 133.0 | 133.0 | 133.0 | 133.0 <sup>1</sup> | 133.0 <sup>1</sup> | 133.0 <sup>1</sup> | 133.0 <sup>1</sup> | 133.0 <sup>1</sup> | 133.0 <sup>1</sup> | 133.0 <sup>1</sup> |
| Tobacco <sup>1</sup>                 | 11.3           | 116.2 | 116.2 | 116.2 | 116.2 | 116.2 | 116.2              | 116.2              | 116.2              | 116.2              | 116.2              | 116.2              | 116.2              |
| <b>Animals &amp; Animal Products</b> | <b>129.0</b>   | 118.3 | 118.3 | 118.8 | 126.8 | 129.5 | 130.5              | 130.1              | 130.4              | 130.3              | 124.0              | 121.4              | 122.1              |
| Cattle                               | 5.5            | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 | 95.4               | 95.4               | 95.4               | 97.2               | 97.2               | 97.2               | 97.2               |
| Pigs                                 | 7.0            | 139.7 | 139.7 | 139.7 | 139.7 | 139.7 | 139.7              | 139.7              | 139.7              | 139.7              | 139.7              | 139.7              | 139.7              |
| Goat                                 | 4.0            | 147.9 | 147.9 | 147.9 | 147.9 | 147.9 | 147.9              | 147.9              | 147.9              | 147.9              | 147.9              | 147.9              | 147.9              |
| Sheep                                | 0.3            | 116.7 | 116.7 | 116.7 | 116.7 | 116.7 | 116.7              | 116.7              | 116.7              | 116.7              | 116.7              | 116.7              | 116.7              |
| Deer                                 | 6.4            | 120.1 | 120.1 | 120.1 | 120.1 | 120.1 | 126.6              | 124.5              | 124.5              | 124.5              | 126.3              | 126.3              | 126.3              |
| Poultry                              | 56.9           | 122.1 | 122.1 | 122.1 | 128.6 | 128.6 | 128.6              | 128.6              | 128.6              | 128.6              | 128.6              | 128.6              | 128.6              |
| Eggs                                 | 33.8           | 105.2 | 105.2 | 107.4 | 126.8 | 137.1 | 140.8              | 139.8              | 141.0              | 140.0              | 115.7              | 105.9              | 108.5              |
| Milk                                 | 14.7           | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0              | 120.0              | 120.0              | 120.0              | 120.0              | 120.0              | 120.0              |
| Honey                                | 0.4            | 131.3 | 131.3 | 131.3 | 134.8 | 134.8 | 134.8              | 134.8              | 134.8              | 134.8              | 134.8              | 134.8              | 134.8              |
| <b>Overall Index</b>                 | <b>1,000.0</b> | 138.4 | 141.1 | 155.4 | 154.6 | 143.0 | 140.3              | 150.7              | 151.4              | 152.1              | 151.3              | 150.1              | 151.1              |

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

(Base period:Year 1993=100)

Table 2 : Percentage changes from previous month by commodity groups and products , January 1999 - December 1999

| Commodity Group                      | Weight         | Dec 98 to | Jan 99 to | Feb 99 to | Mar 99 to | Apr 99 to | May 99 to | June 99 to | July 99 to | Aug 99 to | Sep 99 to | Oct 99 to | Nov 99 to | Dec 99 to |
|--------------------------------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|-----------|-----------|-----------|-----------|-----------|
|                                      |                | Jan 99    | Feb 99    | Mar 99    | Apr 99    | May 99    | June 99   | July 99    | Aug 99     | Sep 99    | Oct 99    | Nov 99    | Dec 99    |           |
| <b>Crop Products</b>                 | <b>871.0</b>   | 1.2       | 0.4       | 0.8       | 3.1       | -1.5      | -2.2      | -6.0       | 0.1        | -1.3      | 0.5       | 0.7       | -0.9      | 0.0       |
| Sugar cane                           | 719.3          | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | -6.8      | 0.0        | 0.0        | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| <b>Other crop products</b>           | <b>151.7</b>   | 8.4       | 2.4       | 5.0       | 18.7      | -8.3      | -12.7     | -1.8       | 0.4        | -7.6      | 3.4       | 4.3       | -5.9      | 0.0       |
| Cereal                               | 1.9            | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0        | 0.0        | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| Root Crops                           | 16.0           | 0.8       | 24.7      | -4.9      | 12.9      | 2.3       | -5.2      | -19.3      | 0.0        | 2.8       | -0.6      | -0.1      | 0.5       | 0.5       |
| Fruits                               | 21.9           | 6.0       | 3.2       | 34.6      | -6.0      | 3.6       | -9.3      | 12.6       | 18.4       | -15.3     | 1.6       | -11.8     | -26.8     | -4.1      |
| Fresh vegetables                     | 68.2           | 18.0      | -2.3      | 3.2       | 39.1      | -16.6     | -21.5     | -2.6       | -6.8       | -12.0     | 6.9       | 17.0      | 0.1       | 0.1       |
| Flowers,Ornamental plants            | 11.2           | -3.0      | 3.2       | -3.6      | -1.6      | 0.8       | 0.0       | 6.3        | 5.3        | 2.3       | 2.3       | -3.7      | 0.0       | 0.0       |
| Tea                                  | 21.2           | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0        | 0.0        | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| Tobacco                              | 11.3           | -6.6      | 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>Animals &amp; Animal Products</b> | <b>129.0</b>   | 3.8       | 2.8       | 0.7       | -1.1      | -1.1      | 1.1       | -0.2       | -1.3       | -7.4      | -3.0      | -1.5      | 1.2       | 0.0       |
| Cattle                               | 5.5            | 0.1       | 0.0       | -3.0      | 0.0       | 0.0       | 0.0       | 0.0        | 0.0        | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| Pigs                                 | 7.0            | -9.5      | 0.0       | 0.0       | -10.1     | -11.7     | 0.0       | 0.0        | 0.0        | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| Goat                                 | 4.0            | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0        | 0.0        | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| Sheep                                | 0.3            | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0        | 0.0        | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| Deer                                 | 6.4            | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 5.1       | 0.0        | 0.0        | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| Poultry                              | 56.9           | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0        | 0.0        | 0.0       | 0.0       | 0.1       | -2.6      | 0.0       |
| Eggs                                 | 33.8           | 18.7      | 10.5      | 2.7       | -1.8      | -1.9      | 2.8       | -0.5       | -4.7       | -26.1     | -13.9     | -0.9      | 8.7       | 0.0       |
| Milk                                 | 14.7           | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0        | 0.0        | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| Honey                                | 0.4            | 3.9       | 0.0       | 0.0       | 1.2       | 6.4       | 0.0       | 3.8        | 0.0        | -3.7      | 3.8       | -11.1     | 0.0       | 0.0       |
| <b>Overall Change</b>                | <b>1,000.0</b> | 1.5       | 0.6       | 0.8       | 2.6       | -1.5      | -1.8      | -5.4       | -0.1       | -2.0      | 0.2       | 0.4       | -0.7      | -0.7      |

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

(Base period: Year 1993=100)

**Table 3 : Percentage changes from corresponding month of previous year by commodity groups and products , January 1998 -December 1999**

| Commodity Group                      | Weight         | Jan 98 to   | Feb 98 to  | Mar 98 to  | Apr 98 to  | May 98 to  | Jun 98 to   | Jul 98 to   | Aug 98 to   | Sep 98 to   | Oct 98 to   | Nov 98 to   | Dec 98 to   |
|--------------------------------------|----------------|-------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                                      |                | Jan 99      | Feb 99     | Mar 99     | Apr 99     | May 99     | Jun 99      | Jul 99      | Aug 99      | Sep 99      | Oct 99      | Nov 99      | Dec 99      |
| <b>Crop Products</b>                 | <b>871.0</b>   | 11.2        | 9.3        | -1.1       | 3.3        | 11.4       | 11.4        | -3.5        | -3.9        | -5.6        | -5.1        | -3.9        | -5.4        |
| Sugar cane                           | 719.3          | 11.1        | 11.1       | 11.1       | 11.1       | 11.1       | 11.1        | -6.8        | -6.8        | -6.8        | -6.8        | -6.8        | -6.8        |
| <b>Other crop products</b>           | <b>151.7</b>   | 12.1        | 0.4        | -36.3      | -20.4      | 12.5       | 12.8        | 17.3        | 13.9        | 1.7         | 5.0         | 14.3        | 2.5         |
| Cereal                               | 1.9            | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |
| Root Crops                           | 16.0           | 0.8         | 3.5        | -5.8       | 12.7       | -3.1       | 8.7         | 4.9         | 4.8         | 5.5         | 10.2        | 7.9         | 8.1         |
| Fruits                               | 21.9           | -8.8        | 30.7       | 21.6       | 15.1       | 19.9       | 18.7        | 19.8        | 36.4        | 13.1        | 18.7        | 15.6        | -3.7        |
| Fresh vegetables                     | 68.2           | 33.0        | -6.1       | -56.0      | -34.5      | 23.4       | 21.5        | 34.2        | 16.6        | -3.8        | 1.2         | 26.9        | 3.9         |
| Flowers, Ornamental plants           | 11.2           | 1.7         | 5.6        | 3.2        | 2.6        | 4.1        | 5.2         | 8.2         | 14.7        | 15.8        | 8.2         | 4.7         | 8.1         |
| Tea                                  | 21.2           | 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                              | 11.3           | -6.2        | -6.2       | -6.2       | -6.2       | -6.2       | -6.2        | -6.2        | -6.2        | -6.2        | -6.2        | -6.2        | -6.2        |
| <b>Animals &amp; Animal Products</b> | <b>129.0</b>   | 7.1         | 10.1       | 10.4       | 2.3        | -0.9       | -0.6        | -0.5        | -2.0        | -9.2        | -7.5        | -6.9        | -6.3        |
| Cattle                               | 5.5            | -5.2        | -5.2       | -8.0       | -8.0       | -8.0       | -1.0        | -1.0        | -1.0        | -2.9        | -2.9        | -2.9        | -2.9        |
| Pigs                                 | 7.0            | -9.5        | -9.5       | -9.5       | -18.7      | -28.2      | -28.2       | -28.2       | -28.2       | -28.2       | -28.2       | -28.2       | -28.2       |
| Goat                                 | 4.0            | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |
| Sheep                                | 0.3            | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |
| Deer                                 | 6.4            | 5.2         | 5.2        | 5.2        | 5.2        | 5.2        | 4.9         | 6.7         | 6.7         | 6.7         | 5.5         | 5.5         | 5.5         |
| Poultry                              | 56.9           | 5.3         | 5.3        | 5.3        | 0.0        | 0.0        | 0.0         | 0.0         | 0.0         | 0.0         | 0.1         | -2.6        | -2.6        |
| Eggs                                 | 33.8           | 22.4        | 35.3       | 36.0       | 13.1       | 2.6        | 2.8         | 3.0         | -2.6        | -27.6       | -24.5       | -18.3       | -13.4       |
| Milk                                 | 14.7           | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |
| Honey                                | 0.4            | 6.6         | 6.6        | 6.6        | 5.1        | 11.8       | 11.8        | 16.1        | 16.1        | 11.8        | 16.1        | 3.2         | 3.2         |
| <b>Overall Change</b>                | <b>1,000.0</b> | <b>10.8</b> | <b>9.4</b> | <b>0.1</b> | <b>3.2</b> | <b>9.9</b> | <b>10.0</b> | <b>-3.1</b> | <b>-3.7</b> | <b>-6.0</b> | <b>-5.4</b> | <b>-4.2</b> | <b>-5.5</b> |

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

(Base period: Year 1993=100)

**Table 4: Quarterly indices<sup>1</sup> by commodity groups and products, 1st Quarter 1998 - 4th Quarter 1999**

| Commodity Group                      | Weight         | 1998         |              |              |              | 1999               |                    |                    |                    |
|--------------------------------------|----------------|--------------|--------------|--------------|--------------|--------------------|--------------------|--------------------|--------------------|
|                                      |                | 1st Qr       | 2nd Qr       | 3rd Qr       | 4th Qr       | 1st Qr             | 2nd Qr             | 3rd Qr             | 4th Qr             |
| <b>Crop Products</b>                 | <b>871.0</b>   | <b>147.8</b> | <b>147.9</b> | <b>154.6</b> | <b>154.8</b> | <b>157.5</b>       | <b>160.9</b>       | <b>147.8</b>       | <b>147.2</b>       |
| Sugar cane                           | 719.3          | 145.0        | 145.0        | 161.1        | 161.1        | 161.1              | 161.1              | 150.2              | 150.2              |
| <b>Other crop products</b>           | <b>151.7</b>   | <b>161.1</b> | <b>161.5</b> | <b>123.6</b> | <b>125.2</b> | <b>140.4</b>       | <b>160.0</b>       | <b>136.4</b>       | <b>132.9</b>       |
| Cereal                               | 1.9            | 100.0        | 100.0        | 100.0        | 100.0        | 100.0              | 100.0              | 100.0              | 100.0              |
| Root Crops                           | 16.0           | 162.0        | 199.4        | 159.9        | 157.0        | 162.9              | 211.4              | 167.9              | 170.4              |
| Fruits                               | 21.9           | 124.4        | 133.5        | 145.2        | 122.2        | 127.9              | 157.5              | 178.1              | 127.7              |
| Fresh vegetables                     | 68.2           | 199.3        | 189.0        | 109.7        | 119.9        | 152.5              | 175.6              | 125.3              | 132.0              |
| Flowers, Ornamental plants           | 11.2           | 108.9        | 105.8        | 108.3        | 117.7        | 112.7              | 110.0              | 119.5              | 125.9              |
| Tea                                  | 21.2           | 133.0        | 133.0        | 133.0        | 133.0        | 133.0 <sup>2</sup> | 133.0 <sup>2</sup> | 133.0 <sup>2</sup> | 133.0 <sup>2</sup> |
| Tobacco <sup>3</sup>                 | 11.3           | 116.2        | 116.2        | 116.2        | 116.2        | 109.0              | 109.0              | 109.0              | 109.0              |
| <b>Animals &amp; Animal Products</b> | <b>129.0</b>   | <b>118.5</b> | <b>128.9</b> | <b>130.3</b> | <b>122.5</b> | <b>129.4</b>       | <b>129.2</b>       | <b>125.2</b>       | <b>114.2</b>       |
| Cattle                               | 5.5            | 102.6        | 100.2        | 96.0         | 97.2         | 96.3               | 94.4               | 94.4               | 94.4               |
| Pigs                                 | 7.0            | 139.7        | 139.7        | 139.7        | 139.7        | 126.4              | 104.7              | 100.3              | 100.3              |
| Goat                                 | 4.0            | 147.9        | 147.9        | 147.9        | 147.9        | 147.9              | 147.9              | 147.9              | 147.9              |
| Sheep                                | 0.3            | 116.7        | 116.7        | 116.7        | 116.7        | 116.7              | 116.7              | 116.7              | 116.7              |
| Deer                                 | 6.4            | 120.1        | 122.3        | 124.5        | 126.3        | 126.3              | 128.5              | 132.8              | 133.2              |
| Poultry                              | 56.9           | 122.1        | 128.6        | 128.6        | 128.6        | 128.6              | 128.6              | 128.6              | 126.4              |
| Eggs                                 | 33.8           | 105.9        | 134.9        | 140.3        | 110.0        | 139.1              | 142.9              | 127.6              | 89.3               |
| Milk                                 | 14.7           | 120.0        | 120.0        | 120.0        | 120.0        | 120.0              | 120.0              | 120.0              | 120.0              |
| Honey                                | 0.4            | 131.3        | 134.8        | 134.8        | 134.8        | 140.0              | 147.7              | 154.6              | 144.9              |
| <b>Overall Index</b>                 | <b>1,000.0</b> | <b>144.0</b> | <b>145.4</b> | <b>151.5</b> | <b>150.6</b> | <b>153.9</b>       | <b>156.8</b>       | <b>144.9</b>       | <b>142.9</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

**Quarterly Producer Price Index -Agriculture (PPI-A)**  
 (Base period: Year 1993=100)

**Table 5: Quarterly changes (%) and Net Contributions of commodity groups and products to the change, 4th Quarter 1998 - 4th Quarter 1999**

| Commodity Group            | Weight         | Percentage Changes from previous quarter |            |                        |             |                        |            |                        |             | Percentage Changes from corresponding quarter of previous year |             |                        |              |                        |       |                        |       | Net Contributions from |       |                        |      |                        |       |                        |      |                        |       |      |      |
|----------------------------|----------------|--|------------|------------------------|-------------|------------------------|------------|------------------------|-------------|--|-------------|------------------------|--------------|------------------------|-------|------------------------|-------|------------------------|-------|------------------------|------|------------------------|-------|------------------------|------|------------------------|-------|------|------|
|                            |                | 4th Qr 98 to 1st Qr 99                   |            | 1st Qr 99 to 2nd Qr 99 |             | 2nd Qr 99 to 3rd Qr 99 |            | 3rd Qr 99 to 4th Qr 99 |             | 1st Qr 98 to 2nd Qr 98   |             | 2nd Qr 98 to 3rd Qr 98 |              | 3rd Qr 98 to 4th Qr 98 |       | 1st Qr 99 to 2nd Qr 99 |       | 2nd Qr 99 to 3rd Qr 99 |       | 3rd Qr 99 to 4th Qr 99 |      | 1st Qr 99 to 2nd Qr 99 |       | 2nd Qr 99 to 3rd Qr 99 |      | 3rd Qr 99 to 4th Qr 99 |       |      |      |
|                            |                |  |            |                        |             |                        |            |                        |             |  |             |                        |              |                        |       |                        |       |                        |       |                        |      |                        |       |                        |      |                        |       |      |      |
| Crop Products              | 871.0          | 1.7                                      | 2.2        | -8.1                   | -0.4        | 6.6                    | 8.8        | -4.4                   | -4.9        | 2.37   | 2.97        | -11.41                 | -0.54        | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00 | 0.00 |
| Sugar cane                 | 719.3          | 0.0                                      | 0.0        | -6.8                   | 0.0         | 11.1                   | 11.1       | -6.8                   | -6.8        | 0.00   | 0.00        | -7.84                  | 0.00         | 2.37                   | 2.97  | -3.57                  | -0.54 | 0.09                   | 0.78  | -0.70                  | 0.04 | 2.22                   | 1.58  | -3.43                  | 0.46 | -0.06                  | -0.03 | 0.11 | 0.07 |
| Other crop products        | 151.7          | 12.1                                     | 14.0       | -14.8                  | -2.6        | -12.8                  | -0.9       | 10.4                   | 6.2         | 0.00   | 0.00        | 0.00                   | 0.00         | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00 | 0.00 |
| Cereal                     | 1.9            | 0.0                                      | 0.0        | 0.0                    | 0.0         | 0.0                    | 0.0        | 0.0                    | 0.0         | 0.00   | 0.00        | 0.00                   | 0.00         | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00 | 0.00 |
| Root Crops                 | 16.0           | 3.8                                      | 29.8       | -20.6                  | 1.5         | 0.6                    | 6.0        | 5.0                    | 8.5         | 0.09   | 0.78        | -0.70                  | 0.04         | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00 | 0.00 |
| Fruits                     | 21.9           | 4.7                                      | 23.1       | 13.1                   | -28.3       | 2.8                    | 18.0       | 22.7                   | 4.5         | 0.12   | 0.65        | 0.45                   | -1.10        | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00 | 0.00 |
| Fresh vegetables           | 68.2           | 27.2                                     | 15.1       | -28.6                  | 5.3         | -23.5                  | -7.1       | 14.2                   | 10.1        | 0.12   | 0.65        | 0.45                   | -1.10        | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00 | 0.00 |
| Flowers, Ornamental plants | 11.2           | -4.2                                     | -2.4       | 8.6                    | 5.4         | 3.5                    | 4.0        | 10.3                   | 7.0         | 0.12   | 0.65        | 0.45                   | -1.10        | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00 | 0.00 |
| Tea                        | 21.2           | 0.0                                      | 0.0        | 0.0                    | 0.0         | 0.0                    | 0.0        | 0.0                    | 0.0         | 0.00   | 0.00        | 0.00                   | 0.00         | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00 | 0.00 |
| Tobacco                    | 11.3           | -6.2                                     | 0.0        | 0.0                    | 0.0         | -6.2                   | -6.2       | -6.2                   | -6.2        | 0.00   | 0.00        | 0.00                   | 0.00         | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00 | 0.00 |
| Animals & Animal Products  | 129.0          | 5.6                                      | -0.2       | -3.1                   | -8.8        | 9.2                    | 0.2        | -3.9                   | -6.8        | 0.89   | -0.02       | -0.52                  | -1.42        | 0.00                   | -0.01 | 0.00                   | 0.00  | 0.00                   | -0.01 | 0.00                   | 0.00 | 0.00                   | -0.01 | 0.00                   | 0.00 | 0.00                   | -0.01 | 0.00 | 0.00 |
| Cattle                     | 5.5            | -0.9                                     | -2.0       | 0.0                    | 0.0         | -6.1                   | -5.8       | -1.7                   | -2.9        | 0.00   | -0.01       | 0.00                   | 0.00         | 0.00                   | -0.01 | 0.00                   | 0.00  | 0.00                   | -0.01 | 0.00                   | 0.00 | 0.00                   | -0.01 | 0.00                   | 0.00 | 0.00                   | -0.01 | 0.00 | 0.00 |
| Pigs                       | 7.0            | -9.5                                     | -17.2      | -4.2                   | 0.0         | -9.5                   | -25.1      | -28.2                  | -28.2       | 0.00   | 0.00        | 0.00                   | 0.00         | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00 | 0.00 |
| Goat                       | 4.0            | 0.0                                      | 0.0        | 0.0                    | 0.0         | 0.0                    | 0.0        | 0.0                    | 0.0         | 0.00   | 0.00        | 0.00                   | 0.00         | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00 | 0.00 |
| Sheep                      | 0.3            | 0.0                                      | 0.0        | 0.0                    | 0.0         | 0.0                    | 0.0        | 0.0                    | 0.0         | 0.00   | 0.00        | 0.00                   | 0.00         | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00 | 0.00 |
| Deer                       | 6.4            | 0.0                                      | 1.7        | 3.3                    | 0.3         | 5.2                    | 5.1        | 6.7                    | 5.5         | 0.00   | 0.01        | 0.03                   | 0.00         | 0.00                   | 0.01  | 0.03                   | 0.00  | 0.00                   | 0.01  | 0.03                   | 0.00 | 0.00                   | 0.01  | 0.03                   | 0.00 | 0.00                   | 0.01  | 0.03 | 0.00 |
| Poultry                    | 56.9           | 0.0                                      | 0.0        | 0.0                    | -1.7        | 5.3                    | 0.0        | 0.0                    | -1.7        | 0.00   | 0.00        | 0.00                   | -0.13        | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00 | 0.00 |
| Eggs                       | 33.8           | 26.5                                     | 2.7        | -10.7                  | -30.0       | 31.4                   | 5.9        | -9.1                   | -18.8       | 0.98   | 0.13        | -0.52                  | -1.29        | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00 | 0.00 |
| Milk                       | 14.7           | 0.0                                      | 0.0        | 0.0                    | 0.0         | 0.0                    | 0.0        | 0.0                    | 0.0         | 0.00   | 0.00        | 0.00                   | 0.00         | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00 | 0.00 |
| Honey                      | 0.4            | 3.9                                      | 5.5        | 4.7                    | -6.3        | 6.6                    | 9.6        | 14.7                   | 7.5         | 0.00   | 0.00        | 0.00                   | 0.00         | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00                   | 0.00 | 0.00                   | 0.00  | 0.00 | 0.00 |
| <b>Total</b>               | <b>1,000.0</b> | <b>2.2</b>                               | <b>1.9</b> | <b>-7.6</b>            | <b>-1.4</b> | <b>6.9</b>             | <b>7.8</b> | <b>-4.4</b>            | <b>-5.1</b> | <b>3.26</b>  | <b>2.95</b> | <b>-11.93</b>          | <b>-1.96</b> |                        |       |                        |       |                        |       |                        |      |                        |       |                        |      |                        |       |      |      |



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

(Base period: Year 1993=100)

**Table 6 : Annual indices, Annual changes (%) and Net contributions of commodity groups and products to the change, 1996 - 1999**

| Commodity Group                      | Weight         | Annual Index <sup>1</sup> |              |              | Percentage Changes from |              |              | Net Contributions from |              |              |              |
|--------------------------------------|----------------|---------------------------|--------------|--------------|-------------------------|--------------|--------------|------------------------|--------------|--------------|--------------|
|                                      |                | 1996                      | 1997         | 1998         | 1999                    | 1996 to 1997 | 1997 to 1998 | 1998 to 1999           | 1996 to 1997 | 1997 to 1998 | 1998 to 1999 |
| <b>Crop Products</b>                 | <b>871.0</b>   | <b>140.6</b>              | <b>143.1</b> | <b>150.6</b> | <b>152.6</b>            | <b>1.8</b>   | <b>5.2</b>   | <b>1.3</b>             | <b>2.1</b>   | <b>6.4</b>   | <b>1.8</b>   |
| Sugar cane                           | 719.3          | 144.8                     | 147.5        | 153.1        | 155.6                   | 1.9          | 3.8          | 1.6                    | 1.9          | 4.0          | 1.8          |
| <b>Other crop products</b>           | <b>151.7</b>   | <b>120.6</b>              | <b>122.4</b> | <b>138.7</b> | <b>138.4</b>            | <b>1.5</b>   | <b>13.3</b>  | <b>-0.2</b>            | <b>0.2</b>   | <b>2.4</b>   | <b>0.0</b>   |
| Cereal                               | 1.9            | 100.0                     | 100.0        | 100.0        | 100.0                   | 0.0          | 0.0          | 0.0                    | 0.0          | 0.0          | 0.0          |
| Root Crops                           | 16.0           | 124.0                     | 152.1        | 159.9        | 169.8                   | 22.7         | 5.1          | 6.2                    | 0.4          | 0.1          | 0.2          |
| Fruits                               | 21.9           | 136.9                     | 132.0        | 126.0        | 135.5                   | -3.6         | -4.5         | 7.5                    | -0.1         | -0.1         | 0.2          |
| Fresh vegetables                     | 68.2           | 117.9                     | 115.0        | 149.2        | 143.2                   | -2.5         | 29.7         | -4.0                   | -0.2         | 2.3          | -0.4         |
| Flowers, Ornamental plants           | 11.2           | 113.6                     | 109.3        | 110.2        | 117.7                   | -3.8         | 0.8          | 6.8                    | 0.0          | 0.0          | 0.1          |
| Tea                                  | 21.2           | 126.0                     | 131.6        | 133.0        | 133.0                   | 4.4          | 2.8          | 0.0                    | 0.1          | 0.0          | 0.0          |
| Tobacco                              | 11.3           | 102.3                     | 106.5        | 116.7        | 109.0                   | 4.1          | 9.6          | -6.6                   | 0.0          | 0.1          | -0.1         |
| <b>Animals &amp; Animal Products</b> | <b>129.0</b>   | <b>110.5</b>              | <b>112.5</b> | <b>125.0</b> | <b>122.3</b>            | <b>1.8</b>   | <b>11.1</b>  | <b>-2.2</b>            | <b>0.3</b>   | <b>1.6</b>   | <b>-0.3</b>  |
| Cattle                               | 5.5            | 119.0                     | 112.9        | 98.7         | 94.8                    | -5.1         | -12.6        | -4.0                   | 0.0          | -0.1         | 0.0          |
| Pigs                                 | 7.0            | 88.9                      | 115.3        | 139.7        | 107.3                   | 29.7         | 21.2         | -23.2                  | 0.2          | 0.2          | -0.2         |
| Goat                                 | 4.0            | 127.3                     | 131.8        | 147.9        | 147.9                   | 3.5          | 12.2         | 0.0                    | 0.0          | 0.1          | 0.0          |
| Sheep                                | 0.3            | 110.2                     | 116.3        | 116.7        | 116.7                   | 5.5          | 0.3          | 0.0                    | 0.0          | 0.0          | 0.0          |
| Deer                                 | 6.4            | 109.4                     | 116.2        | 123.3        | 130.2                   | 6.2          | 6.1          | 5.6                    | 0.0          | 0.0          | 0.0          |
| Poultry                              | 56.9           | 111.6                     | 112.6        | 127.0        | 128.1                   | 0.9          | 12.8         | 0.9                    | 0.1          | 0.8          | 0.1          |
| Eggs                                 | 33.8           | 111.4                     | 105.7        | 122.8        | 116.3                   | -5.1         | 16.2         | -5.3                   | -0.2         | 0.6          | -0.2         |
| Milk                                 | 14.7           | 106.7                     | 118.9        | 120.0        | 120.0                   | 11.4         | 0.9          | 0.0                    | 0.2          | 0.0          | 0.0          |
| Honey                                | 0.4            | 121.0                     | 128.1        | 134.8        | 146.8                   | 5.9          | 5.2          | 8.9                    | 0.0          | 0.0          | 0.0          |
| <b>Total</b>                         | <b>1,000.0</b> | <b>136.7</b>              | <b>139.2</b> | <b>147.3</b> | <b>148.7</b>            | <b>1.8</b>   | <b>5.8</b>   | <b>1.0</b>             | <b>2.4</b>   | <b>8.0</b>   | <b>1.5</b>   |

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