

# Producer Price Index – Agriculture (PPI-A)

## Fourth quarter 2010

(Base period year 2007 = 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 2010 as well as figures for preceding months updated in the light of additional information that have now become available. Monthly weights by commodity group and product are given in Table 12.

The methodology for the construction of the PPI-A is annexed.

### 2. Producer Price Index - Agriculture: Fourth Quarter 2010

#### 2.1 Structure of the PPI-A (Base period: 2007=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 57.1% and 75.5% of the respective weights.

#### 2.2 Changes in the monthly index

Fig 1: Overall monthly indices, January 2010 – December 2010

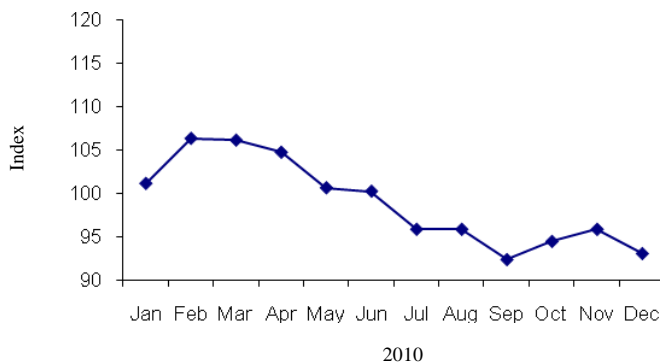


Figure 1 shows the monthly evolution of PPI-A for the period January 2010 to December 2010.

The PPI-A which was 94.5 in September 2010 reached 95.2 in December 2010. This increase is the result of increases of 2.2% and 1.6% in October and November respectively and a decrease of 3.0% in December. (Table 5)

The index for the sub-group "Crop products", which carries 75.6% of the total weight, increased by 4.6% in October and 2.3% in November and decreased by 5.1% in December.

#### 2.2.1 Sugar cane

The index for "Sugar cane" for the period July to December 2010 was 74.0 in the light of the provisional price of sugar for the 2010 crop. It is assumed that the same price prevails during the whole of the crop year. It is to be noted that the index may be revised at the end of June 2011 when the final price is available.

#### 2.2.2 Other crop products

The index for "Other crop products" went up by 15.2 % in October mainly due to: (i) 24.2% increase in the prices of fresh vegetables (creepers, other fresh vegetables and brinjal) and (ii) 15.3% increase in the prices of fruits.

In November, the index registered an increase of 6.7% driven by higher prices of: (i) 28.6% in the prices of fruits and (ii) 5.4% in the prices of fresh vegetables (tomato, creepers and carrot).

In December, the index dropped by 14.7% due to declines of: (i) 17.4% in the prices of fresh vegetables (creepers, tomato and brinjal) and (ii) 29.0% in the prices of fruits.

### 2.2.3 Animals and animal products

The index for the sub-group "Animals and animal products" went down by 1.9% in October, mainly due to decreases in the prices of eggs (-6.1%), poultry (-0.6%) and pigs (-21.0%).

In November, the index remained unchanged.

In December, the index registered an increase of 1.2% due to higher prices of poultry (+1.7%) and goat (+1.4%).

More details of changes on a month-to-month basis are given in Table 5 and changes over the corresponding month of the previous year in Table 6.

### 2.3 Changes in the quarterly index

Fig 2: Overall quarterly indices, 1<sup>st</sup> quarter 2009 – 4<sup>th</sup> quarter 2010

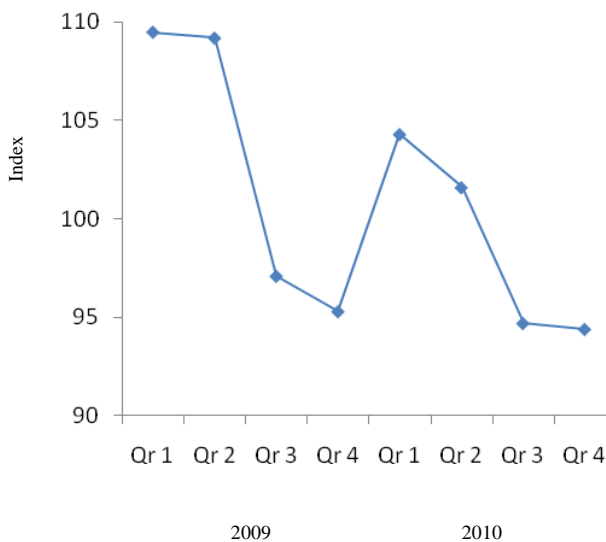


Figure 2 and Table 7 show the movement of the PPI-A covering the period 2009 and 2010 on a quarterly basis.

The overall index for the fourth quarter of 2010 dropped by 0.3% compared to the previous quarter while an increase of 1.4% is registered compared to the corresponding

quarter of 2009. Percentage changes on a quarterly basis and the net contributions of commodity groups and products are given in Table 8.

### 2.4 Changes in the yearly index

Average prices which producers received from the sale of agricultural products in the year 2010 were 2.5% lower compared to the previous year. The annual indices for the years 2008, 2009 and 2010, annual changes and the net contributions of commodity groups and products to the change are presented in Table 9.

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

(Base period:Year 2007=100)

**Table 1 : Monthly indices by commodity group and product, January 2010 - December 2010**

| Commodity Group                      | Weight         | 2010         |              |              |                           |                           |                           |                           |                           |                           |                           |                           |                           |
|--------------------------------------|----------------|--------------|--------------|--------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
|                                      |                | January      | February     | March        | April                     | May                       | June                      | July                      | August                    | September                 | October                   | November                  | December                  |
| <b>Crop Products</b>                 | <b>755.9</b>   | <b>89.8</b>  | <b>95.1</b>  | <b>94.8</b>  | <b>92.2</b>               | <b>87.1</b>               | <b>86.8</b>               | <b>84.5</b>               | <b>84.5</b>               | <b>79.9</b>               | <b>83.6</b>               | <b>85.5</b>               | <b>81.1</b>               |
| <b>Sugar cane</b>                    | <b>570.5</b>   | <b>80.0</b>  | <b>80.0</b>  | <b>80.0</b>  | <b>80.0</b>               | <b>80.0</b>               | <b>80.0</b>               | <b>74.0</b> <sup>1</sup>  | <b>74.0</b> <sup>1</sup>  | <b>74.0</b> <sup>1</sup>  | <b>74.0</b> <sup>1</sup>  | <b>74.0</b> <sup>1</sup>  | <b>74.0</b> <sup>1</sup>  |
| <b>Other crop products</b>           | <b>185.4</b>   | <b>119.9</b> | <b>141.7</b> | <b>140.2</b> | <b>129.7</b>              | <b>108.8</b>              | <b>107.9</b>              | <b>116.9</b>              | <b>116.8</b>              | <b>98.2</b>               | <b>113.1</b>              | <b>120.7</b>              | <b>103.0</b>              |
| <i>Root Crops</i> <sup>2</sup>       | <b>24.7</b>    | <b>121.1</b> | <b>91.3</b>  | <b>111.2</b> | <b>123.6</b>              | <b>107.7</b>              | <b>118.6</b>              | <b>142.8</b>              | <b>143.7</b>              | <b>143.6</b>              | <b>142.0</b>              | <b>144.0</b>              | <b>143.0</b>              |
| Potato                               | 22.4           | 130.7        | ...          | ...          | ...                       | ...                       | 145.4                     | 145.4                     | 145.4                     | 145.4                     | 145.4                     | 145.4                     | 145.4                     |
| Other root crops                     | 2.3            | 95.0         | 91.3         | 111.2        | 123.6                     | 107.7                     | 107.5                     | 116.4                     | 112.4                     | 101.9                     | 100.5                     | 105.1                     | 104.9                     |
| <i>Fruits</i> <sup>2</sup>           | <b>21.6</b>    | <b>122.4</b> | <b>132.5</b> | <b>117.0</b> | <b>95.1</b>               | <b>89.5</b>               | <b>90.0</b>               | <b>94.0</b>               | <b>97.5</b>               | <b>98.7</b>               | <b>113.8</b>              | <b>146.3</b>              | <b>103.8</b>              |
| Banana                               | 7.1            | 71.5         | 69.1         | 59.2         | 60.4                      | 60.4                      | 60.4                      | 62.9                      | 62.9                      | 62.9                      | 60.4                      | 60.4                      | 64.1                      |
| Pineapple                            | 8.4            | 160.4        | 173.9        | 168.4        | 124.8                     | 116.3                     | 114.8                     | 125.8                     | 134.3                     | 133.7                     | 174.0                     | 293.7                     | 188.3                     |
| Other fruits                         | 6.1            | 130.2        | 160.6        | 114.0        | 119.3                     | 118.3                     | 117.3                     | 111.1                     | 112.7                     | 107.8                     | 121.3                     | 120.1                     | 93.2                      |
| <i>Fresh vegetables</i> <sup>2</sup> | <b>119.3</b>   | <b>120.9</b> | <b>159.1</b> | <b>155.5</b> | <b>140.0</b>              | <b>111.8</b>              | <b>108.1</b>              | <b>116.0</b>              | <b>115.2</b>              | <b>86.0</b>               | <b>106.8</b>              | <b>112.6</b>              | <b>93.0</b>               |
| Beans                                | 3.4            | 194.6        | 181.5        | 170.7        | 164.9                     | 132.6                     | 139.0                     | 169.0                     | 143.4                     | 96.8                      | 119.8                     | 142.2                     | 125.3                     |
| Brinjal                              | 2.7            | 179.1        | 88.3         | 102.1        | 137.7                     | 175.3                     | 180.7                     | 214.8                     | 190.3                     | 64.9                      | 170.4                     | 160.8                     | 84.2                      |
| Cabbage                              | 4.2            | 139.2        | 170.9        | 183.9        | 193.8                     | 93.2                      | 81.4                      | 93.8                      | 109.2                     | 97.5                      | 123.7                     | 102.8                     | 73.6                      |
| Cauliflower                          | 2.6            | 105.2        | 105.2        | 105.2        | 105.2                     | 129.1                     | 129.1                     | 129.4                     | 113.6                     | 98.8                      | 115.8                     | 122.1                     | 102.6                     |
| Carrot                               | 7.2            | 102.2        | 145.3        | 250.2        | 324.8                     | 265.9                     | 154.8                     | 151.1                     | 82.3                      | 47.4                      | 47.4                      | 84.4                      | 98.2                      |
| Onion                                | 8.1            | ...          | ...          | ...          | 140.5                     | 140.5                     | 140.5                     | 140.5                     | 140.5                     | 140.5                     | 140.5                     | 140.5                     | 140.5                     |
| Tomato                               | 30.1           | 94.0         | 220.7        | 227.3        | 244.9                     | 142.6                     | 98.1                      | 82.9                      | 100.2                     | 60.9                      | 51.2                      | 80.0                      | 69.3                      |
| Creepers                             | 37.0           | 118.6        | 131.4        | 111.5        | 81.6                      | 76.1                      | 93.0                      | 118.0                     | 118.7                     | 94.7                      | 114.1                     | 125.0                     | 93.2                      |
| Other fresh vegetables               | 24.0           | 149.7        | 126.4        | 125.0        | 114.6                     | 97.0                      | 118.7                     | 118.7                     | 124.6                     | 101.8                     | 122.6                     | 98.9                      | 112.0                     |
| <i>Flowers, ornamental plants</i>    | <b>8.5</b>     | <b>107.1</b> | <b>108.6</b> | <b>107.9</b> | <b>115.3</b>              | <b>114.7</b>              | <b>114.0</b>              | <b>118.9</b>              | <b>117.8</b>              | <b>118.1</b>              | <b>118.4</b>              | <b>113.5</b>              | <b>113.5</b>              |
| Anthurium                            | 5.1            | 99.0         | 101.6        | 100.4        | 101.8                     | 100.8                     | 99.6                      | 107.8                     | 105.9                     | 106.5 <sup>3</sup>        | 106.9                     | 98.8                      | 98.8 <sup>1</sup>         |
| Rose                                 | 3.0            | 118.2        | 118.2        | 118.2        | 136.4                     | 136.4                     | 136.4                     | 136.4                     | 136.4                     | 136.4                     | 136.4                     | 136.4                     | 136.4                     |
| Other flowers                        | 0.4            | 125.0        | 125.0        | 125.0        | 130.0                     | 130.0                     | 130.0                     | 130.0                     | 130.0                     | 130.0                     | 130.0                     | 130.0                     | 130.0                     |
| <i>Tea</i> <sup>1</sup>              | <b>8.1</b>     | <b>106.2</b> | <b>106.2</b> | <b>106.2</b> | <b>106.2</b>              | <b>106.2</b>              | <b>106.2</b>              | <b>106.2</b>              | <b>106.2</b>              | <b>106.2</b>              | <b>106.2</b>              | <b>106.2</b>              | <b>106.2</b>              |
| <i>Tobacco</i>                       | <b>3.2</b>     | <b>124.7</b> | <b>124.7</b> | <b>124.7</b> | <b>125.0</b> <sup>1</sup> | <b>125.0</b> <sup>1</sup> | <b>125.0</b> <sup>1</sup> | <b>125.0</b> <sup>1</sup> | <b>125.0</b> <sup>1</sup> | <b>125.0</b> <sup>1</sup> | <b>125.0</b> <sup>1</sup> | <b>125.0</b> <sup>1</sup> | <b>125.0</b> <sup>1</sup> |
| <b>Animals &amp; Animal Products</b> | <b>244.1</b>   | <b>136.1</b> | <b>141.0</b> | <b>140.9</b> | <b>143.6</b>              | <b>142.5</b>              | <b>141.8</b>              | <b>139.8</b>              | <b>139.8</b>              | <b>139.7</b>              | <b>137.0</b>              | <b>137.0</b>              | <b>138.7</b>              |
| Cattle                               | 2.0            | 110.5        | 110.5        | 110.5        | 110.5                     | 110.5                     | 110.5                     | 110.5                     | 110.5                     | 110.5                     | 110.5                     | 110.5                     | 110.5                     |
| Pigs                                 | 3.2            | 131.6        | 131.6        | 131.6        | 131.6                     | 131.6                     | 131.6                     | 121.9                     | 121.9                     | 121.9                     | 96.3                      | 96.3                      | 96.3                      |
| Goat                                 | 0.7            | 145.5        | 145.5        | 145.5        | 145.5                     | 145.5                     | 145.5                     | 145.5                     | 145.5                     | 145.5                     | 145.5                     | 145.5                     | 147.5                     |
| Deer                                 | 4.9            | 124.3        | 124.3        | 124.3        | 124.3                     | 124.3                     | 130.8                     | 130.8                     | 130.8                     | 130.8                     | 132.4                     | 132.4                     | 132.4                     |
| Poultry                              | 174.2          | 137.1        | 142.6        | 142.6        | 144.2                     | 142.6                     | 140.2                     | 141.0                     | 141.0                     | 141.0                     | 140.2                     | 140.2                     | 142.6                     |
| Eggs                                 | 55.0           | 131.5        | 135.8        | 135.3        | 142.3                     | 142.7                     | 146.1                     | 135.6                     | 135.4                     | 135.3                     | 127.0                     | 126.8                     | 126.8                     |
| Milk                                 | 4.1            | 184.5        | 184.5        | 184.5        | 184.5                     | 184.5                     | 184.5                     | 184.5                     | 184.5                     | 184.5                     | 184.5                     | 184.5                     | 184.5                     |
| <b>Overall Index</b>                 | <b>1,000.0</b> | <b>101.1</b> | <b>106.3</b> | <b>106.1</b> | <b>104.7</b>              | <b>100.6</b>              | <b>100.2</b>              | <b>98.0</b>               | <b>98.0</b>               | <b>94.5</b>               | <b>96.6</b>               | <b>98.1</b>               | <b>95.2</b>               |

<sup>1</sup> Provisional

<sup>2</sup> The indices are computed based on the method of variable baskets with fixed monthly weights in the base year as explained at paragraph 11 of Annex. The composition of these baskets is shown in Table 12.

<sup>3</sup> Revised  
... Not applicable

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

(Base period:Year 2007 =100)

**Table 2 : Monthly indices by commodity group and product, January 2009 - December 2009**

| Commodity Group                      | Weight         | 2009         |              |              |              |              |              |              |              |              |              |              |              |
|--------------------------------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                                      |                | Jan          | Feb          | Mar          | Apr          | May          | June         | July         | Aug          | Sept         | Oct          | Nov          | Dec          |
| <b>Crop Products</b>                 | <b>755.9</b>   | <b>98.8</b>  | <b>106.1</b> | <b>108.3</b> | <b>103.6</b> | <b>100.8</b> | <b>100.5</b> | <b>86.6</b>  | <b>85.8</b>  | <b>84.8</b>  | <b>83.7</b>  | <b>85.3</b>  | <b>83.4</b>  |
| <b>Sugar cane</b>                    | <b>570.5</b>   | <b>95.5</b>  | <b>95.5</b>  | <b>95.5</b>  | <b>95.5</b>  | <b>95.5</b>  | <b>95.5</b>  | <b>80.0</b>  | <b>80.0</b>  | <b>80.0</b>  | <b>80.0</b>  | <b>80.0</b>  | <b>80.0</b>  |
| <b>Other crop products</b>           | <b>185.4</b>   | <b>108.8</b> | <b>138.6</b> | <b>147.6</b> | <b>128.5</b> | <b>117.2</b> | <b>115.9</b> | <b>107.0</b> | <b>103.7</b> | <b>99.4</b>  | <b>95.0</b>  | <b>101.6</b> | <b>93.9</b>  |
| <i>Root Crops</i> <sup>1</sup>       | <b>24.7</b>    | <b>119.1</b> | <b>91.2</b>  | <b>92.9</b>  | <b>98.8</b>  | <b>85.7</b>  | <b>112.8</b> | <b>128.1</b> | <b>129.4</b> | <b>129.1</b> | <b>128.3</b> | <b>129.0</b> | <b>128.0</b> |
| Potato                               | 22.4           | 124.5        | ...          | ...          | ...          | ...          | 124.5        | 130.7        | 130.7        | 130.7        | 130.7        | 130.7        | 130.7        |
| Other root crops                     | 2.3            | 104.2        | 91.2         | 92.9         | 98.8         | 85.7         | 107.9        | 101.9        | 104.7        | 93.5         | 98.4         | 97.0         | 87.3         |
| <i>Fruits</i> <sup>1</sup>           | <b>21.6</b>    | <b>113.1</b> | <b>123.1</b> | <b>121.2</b> | <b>95.5</b>  | <b>94.3</b>  | <b>107.8</b> | <b>95.0</b>  | <b>103.7</b> | <b>103.1</b> | <b>114.4</b> | <b>109.7</b> | <b>105.7</b> |
| Banana                               | 7.1            | 82.6         | 82.6         | 80.1         | 72.7         | 75.2         | 75.2         | 75.2         | 75.2         | 75.2         | 78.9         | 78.9         | 78.9         |
| Pineapple                            | 8.4            | 160.5        | 157.8        | 158.0        | 114.9        | 111.8        | 140.1        | 114.6        | 134.3        | 130.0        | 161.2        | 159.2        | 117.5        |
| Other fruits                         | 6.1            | 106.9        | 121.9        | 108.2        | 112.3        | 112.8        | 109.6        | 111.9        | 112.7        | 111.5        | 108.2        | 102.0        | 108.8        |
| <i>Fresh vegetables</i> <sup>1</sup> | <b>119.3</b>   | <b>105.5</b> | <b>155.9</b> | <b>169.6</b> | <b>143.6</b> | <b>128.8</b> | <b>118.6</b> | <b>104.1</b> | <b>97.1</b>  | <b>90.6</b>  | <b>81.7</b>  | <b>93.1</b>  | <b>82.0</b>  |
| Beans                                | 3.4            | 141.6        | 193.0        | 213.4        | 157.7        | 128.7        | 123.9        | 118.0        | 100.1        | 69.1         | 82.7         | 110.4        | 87.5         |
| Brinjal                              | 2.7            | 76.5         | 81.9         | 55.3         | 145.3        | 131.9        | 249.2        | 228.8        | 190.1        | 122.3        | 97.2         | 93.6         | 41.6         |
| Cabbage                              | 4.2            | 120.7        | 229.1        | 198.2        | 157.1        | 166.0        | 143.5        | 132.5        | 78.3         | 42.9         | 42.0         | 71.4         | 94.4         |
| Cauliflower                          | 2.6            | 105.7        | 105.7        | 105.7        | 105.7        | 105.7        | 105.7        | 105.8        | 101.7        | 111.5        | 129.1        | 105.2        | 105.2        |
| Carrot                               | 7.2            | 187.9        | 340.0        | 308.0        | 306.1        | 181.6        | 133.2        | 61.8         | 55.8         | 42.1         | 38.2         | 67.4         | 74.8         |
| Onion                                | 8.1            | ...          | ...          | ...          | 116.5        | 116.5        | 116.5        | 116.5        | 116.5        | 116.5        | 116.5        | 116.5        | 116.5        |
| Tomato                               | 30.1           | 108.4        | 172.4        | 263.4        | 196.2        | 192.8        | 93.8         | 85.9         | 75.7         | 63.5         | 33.3         | 82.5         | 63.3         |
| Creepers                             | 37.0           | 90.5         | 121.6        | 120.2        | 110.2        | 88.9         | 113.8        | 105.2        | 106.8        | 111.9        | 91.2         | 90.0         | 82.9         |
| Other fresh vegetables               | 24.0           | 103.1        | 131.2        | 113.5        | 125.4        | 110.8        | 135.1        | 120.6        | 110.2        | 108.9        | 94.1         | 87.9         | 95.0         |
| <i>Flowers, ornamental plants</i>    | <b>8.5</b>     | <b>107.2</b> | <b>106.9</b> | <b>109.8</b> | <b>108.4</b> | <b>112.4</b> | <b>112.5</b> | <b>111.6</b> | <b>111.2</b> | <b>111.3</b> | <b>113.8</b> | <b>107.8</b> | <b>108.0</b> |
| Anthurium                            | 5.1            | 99.2         | 98.8         | 103.5        | 101.2        | 107.8        | 108.0        | 106.7        | 105.9        | 106.1        | 110.2        | 100.2        | 100.6        |
| Rose                                 | 3.0            | 118.2        | 118.2        | 118.2        | 118.2        | 118.2        | 118.2        | 118.2        | 118.2        | 118.2        | 118.2        | 118.2        | 118.2        |
| Other flowers                        | 0.4            | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        |
| <i>Tea</i>                           | <b>8.1</b>     | <b>106.2</b> | <b>106.2</b> | <b>106.2</b> | <b>106.2</b> | <b>106.2</b> | <b>106.2</b> | <b>106.2</b> | <b>106.2</b> | <b>106.2</b> | <b>106.2</b> | <b>106.2</b> | <b>106.2</b> |
| <i>Tobacco</i>                       | <b>3.2</b>     | <b>131.9</b> | <b>131.9</b> | <b>131.9</b> | <b>124.7</b> | <b>124.7</b> | <b>124.7</b> | <b>124.7</b> | <b>124.7</b> | <b>124.7</b> | <b>124.7</b> | <b>124.7</b> | <b>124.7</b> |
| <b>Animals &amp; Animal Products</b> | <b>244.1</b>   | <b>127.6</b> | <b>127.6</b> | <b>127.6</b> | <b>132.1</b> | <b>133.8</b> | <b>134.2</b> | <b>132.3</b> | <b>132.4</b> | <b>131.4</b> | <b>129.2</b> | <b>130.3</b> | <b>130.8</b> |
| Cattle                               | 2.0            | 106.5        | 106.5        | 106.5        | 106.5        | 106.5        | 106.5        | 110.5        | 110.5        | 110.5        | 110.5        | 110.5        | 110.5        |
| Pigs                                 | 3.2            | 151.6        | 151.6        | 151.6        | 136.6        | 136.6        | 136.6        | 118.1        | 118.1        | 118.1        | 131.6        | 131.6        | 155.3        |
| Goat                                 | 0.7            | 129.8        | 129.8        | 135.2        | 135.2        | 135.2        | 137.7        | 138.6        | 138.6        | 138.6        | 138.6        | 138.6        | 138.6        |
| Deer                                 | 4.9            | 120.4        | 120.4        | 120.4        | 120.4        | 120.4        | 120.4        | 120.4        | 120.4        | 120.4        | 124.3        | 124.3        | 124.3        |
| Poultry                              | 174.2          | 133.6        | 133.6        | 133.6        | 135.0        | 134.3        | 134.3        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        |
| Eggs                                 | 55.0           | 104.5        | 104.6        | 104.6        | 120.7        | 130.5        | 132.0        | 132.0        | 132.2        | 127.8        | 117.1        | 121.9        | 122.6        |
| Milk                                 | 4.1            | 184.5        | 184.5        | 184.5        | 184.5        | 184.5        | 184.5        | 184.5        | 184.5        | 184.5        | 184.5        | 184.5        | 184.5        |
| <b>Overall Index</b>                 | <b>1,000.0</b> | <b>105.8</b> | <b>111.3</b> | <b>113.0</b> | <b>110.6</b> | <b>108.9</b> | <b>108.7</b> | <b>97.8</b>  | <b>97.2</b>  | <b>96.2</b>  | <b>94.8</b>  | <b>96.3</b>  | <b>95.0</b>  |

<sup>1</sup> The indices are computed based on the method of variable baskets with fixed monthly weights in the base year as explained at paragraph 11 of Annex. The composition of these baskets is shown in Table 12.

... Not applicable

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

(Base period:Year 2007 =100)

**Table 3 : Monthly indices by commodity group and product, January 2008 - December 2008**

| Commodity Group                      | Weight         | 2008         |              |              |              |              |              |              |              |              |              |              |              |
|--------------------------------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                                      |                | Jan          | Feb          | Mar          | Apr          | May          | June         | July         | Aug          | Sept         | Oct          | Nov          | Dec          |
| <b>Crop Products</b>                 | <b>755.9</b>   | <b>100.1</b> | <b>103.1</b> | <b>104.7</b> | <b>110.3</b> | <b>105.7</b> | <b>107.0</b> | <b>100.0</b> | <b>96.2</b>  | <b>96.4</b>  | <b>98.9</b>  | <b>98.2</b>  | <b>95.9</b>  |
| <b>Sugar cane</b>                    | <b>570.5</b>   | <b>102.0</b> | <b>102.0</b> | <b>102.0</b> | <b>102.0</b> | <b>102.0</b> | <b>102.0</b> | <b>95.5</b>  | <b>95.5</b>  | <b>95.5</b>  | <b>95.5</b>  | <b>95.5</b>  | <b>95.5</b>  |
| <b>Other crop products</b>           | <b>185.4</b>   | <b>94.3</b>  | <b>106.7</b> | <b>112.9</b> | <b>136.0</b> | <b>117.1</b> | <b>122.5</b> | <b>113.7</b> | <b>98.2</b>  | <b>99.0</b>  | <b>109.5</b> | <b>106.5</b> | <b>97.1</b>  |
| <i>Root Crops</i> <sup>1</sup>       | <b>24.7</b>    | <b>99.2</b>  | <b>83.4</b>  | <b>94.0</b>  | <b>106.8</b> | <b>89.6</b>  | <b>112.5</b> | <b>123.4</b> | <b>123.9</b> | <b>124.4</b> | <b>123.6</b> | <b>123.5</b> | <b>123.2</b> |
| Potato                               | 22.4           | 103.4        | ...          | ...          | ...          | ...          | 103.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        |
| Other root crops                     | 2.3            | 87.8         | 83.4         | 94.0         | 106.8        | 89.6         | 116.3        | 107.5        | 103.9        | 110.3        | 107.0        | 88.9         | 94.4         |
| <i>Fruits</i> <sup>1</sup>           | <b>21.6</b>    | <b>95.7</b>  | <b>109.2</b> | <b>104.4</b> | <b>95.7</b>  | <b>94.5</b>  | <b>97.0</b>  | <b>98.3</b>  | <b>97.3</b>  | <b>101.4</b> | <b>105.4</b> | <b>100.3</b> | <b>94.9</b>  |
| Banana                               | 7.1            | 83.8         | 79.9         | 76.9         | 76.9         | 77.9         | 77.9         | 85.8         | 85.8         | 85.8         | 84.8         | 84.8         | 84.8         |
| Pineapple                            | 8.4            | 129.7        | 144.2        | 129.2        | 112.2        | 110.4        | 115.2        | 111.7        | 109.7        | 118.1        | 119.6        | 157.5        | 87.8         |
| Other fruits                         | 6.1            | 86.4         | 84.9         | 87.7         | 98.2         | 103.2        | 101.8        | 100.1        | 100.1        | 100.8        | 123.0        | 80.0         | 98.7         |
| <i>Fresh vegetables</i> <sup>1</sup> | <b>119.3</b>   | <b>91.4</b>  | <b>111.3</b> | <b>119.8</b> | <b>154.0</b> | <b>128.2</b> | <b>131.2</b> | <b>115.1</b> | <b>91.3</b>  | <b>91.5</b>  | <b>106.8</b> | <b>103.3</b> | <b>89.6</b>  |
| Beans                                | 3.4            | 113.1        | 155.3        | 178.4        | 221.1        | 145.8        | 117.1        | 94.0         | 88.4         | 102.0        | 134.6        | 74.9         | 74.8         |
| Brinjal                              | 2.7            | 83.7         | 58.5         | 91.4         | 303.6        | 193.6        | 279.3        | 199.7        | 249.1        | 256.5        | 291.5        | 128.2        | 82.2         |
| Cabbage                              | 4.2            | 147.0        | 162.1        | 209.8        | 225.4        | 232.5        | 149.7        | 82.6         | 44.2         | 60.7         | 59.1         | 85.5         | 95.2         |
| Cauliflower                          | 2.6            | 177.6        | 177.6        | 177.6        | 177.6        | 130.0        | 169.9        | 100.0        | 81.3         | 96.9         | 101.6        | 105.7        | 105.7        |
| Carrot                               | 7.2            | 100.1        | 147.6        | 133.0        | 241.3        | 139.3        | 113.4        | 152.2        | 61.6         | 68.7         | 74.5         | 135.7        | 137.1        |
| Onion                                | 8.1            | ...          | ...          | ...          | 116.5        | 116.5        | 116.5        | 116.5        | 116.5        | 116.5        | 116.5        | 116.5        | 116.5        |
| Tomato                               | 30.1           | 67.9         | 123.0        | 180.1        | 180.7        | 145.3        | 131.7        | 96.1         | 43.8         | 32.9         | 51.9         | 51.9         | 51.9         |
| Creepers                             | 37.0           | 94.4         | 99.1         | 89.9         | 133.8        | 114.9        | 114.9        | 120.7        | 116.0        | 117.7        | 116.2        | 101.0        | 72.1         |
| Other fresh vegetables               | 24.0           | 108.9        | 100.0        | 92.7         | 119.9        | 101.0        | 140.2        | 120.9        | 111.2        | 111.4        | 141.8        | 108.0        | 100.1        |
| <i>Flowers, ornamental plants</i>    | <b>8.5</b>     | <b>105.1</b> | <b>107.5</b> | <b>106.1</b> | <b>103.3</b> | <b>107.2</b> | <b>107.5</b> | <b>106.1</b> | <b>105.3</b> | <b>107.8</b> | <b>112.5</b> | <b>111.3</b> | <b>111.3</b> |
| Anthurium                            | 5.1            | 96.1         | 100.2        | 97.8         | 93.1         | 99.6         | 100.2        | 97.8         | 96.5         | 100.6        | 102.7        | 100.8        | 100.8        |
| Rose                                 | 3.0            | 118.2        | 118.2        | 118.2        | 118.2        | 118.2        | 118.2        | 118.2        | 118.2        | 118.2        | 127.3        | 127.3        | 127.3        |
| Other flowers                        | 0.4            | 120.0        | 120.0        | 120.0        | 120.0        | 120.0        | 120.0        | 120.0        | 120.0        | 120.0        | 125.0        | 125.0        | 125.0        |
| <i>Tea</i>                           | <b>8.1</b>     | <b>105.7</b> | <b>105.7</b> | <b>105.7</b> | <b>105.7</b> | <b>105.7</b> | <b>105.7</b> | <b>106.2</b> | <b>106.2</b> | <b>106.2</b> | <b>106.2</b> | <b>106.2</b> | <b>106.2</b> |
| <i>Tobacco</i>                       | <b>3.2</b>     | <b>98.1</b>  | <b>98.1</b>  | <b>98.1</b>  | <b>131.9</b> | <b>131.9</b> | <b>131.9</b> | <b>131.9</b> | <b>131.9</b> | <b>131.9</b> | <b>131.9</b> | <b>131.9</b> | <b>131.9</b> |
| <b>Animals &amp; Animal Products</b> | <b>244.1</b>   | <b>106.1</b> | <b>109.9</b> | <b>110.8</b> | <b>115.4</b> | <b>117.4</b> | <b>120.8</b> | <b>128.3</b> | <b>131.1</b> | <b>130.6</b> | <b>127.2</b> | <b>127.1</b> | <b>127.3</b> |
| Cattle                               | 2.0            | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 106.5        | 106.5        | 106.5        |
| Pigs                                 | 3.2            | 100.3        | 100.3        | 100.3        | 100.3        | 100.3        | 100.3        | 139.7        | 139.7        | 139.7        | 147.8        | 147.8        | 147.8        |
| Goat                                 | 0.7            | 123.5        | 123.5        | 123.5        | 123.5        | 129.8        | 129.8        | 129.8        | 129.8        | 129.8        | 129.8        | 129.8        | 129.8        |
| Deer                                 | 4.9            | 104.1        | 104.1        | 104.1        | 115.7        | 115.7        | 115.7        | 115.7        | 115.7        | 115.7        | 120.4        | 120.4        | 120.4        |
| Poultry                              | 174.2          | 108.9        | 114.4        | 114.6        | 116.6        | 116.6        | 118.1        | 126.8        | 129.2        | 131.0        | 131.0        | 131.0        | 131.0        |
| Eggs                                 | 55.0           | 94.3         | 94.3         | 97.2         | 110.3        | 119.3        | 129.6        | 132.8        | 137.6        | 129.9        | 110.8        | 110.3        | 111.2        |
| Milk                                 | 4.1            | 149.4        | 149.4        | 149.4        | 149.4        | 149.4        | 149.4        | 149.4        | 149.4        | 149.4        | 184.5        | 184.5        | 184.5        |
| <b>Overall Index</b>                 | <b>1,000.0</b> | <b>101.6</b> | <b>104.8</b> | <b>106.2</b> | <b>111.6</b> | <b>108.6</b> | <b>110.4</b> | <b>106.9</b> | <b>104.7</b> | <b>104.7</b> | <b>105.8</b> | <b>105.3</b> | <b>103.6</b> |

<sup>1</sup> The indices are computed based on the method of variable baskets with fixed monthly weights in the base year as explained at paragraph 11 of Annex. The composition of these baskets is shown in Table 12.

... Not applicable

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

(Base period:Year 2007 =100)

**Table 4 : Monthly indices by commodity group and product, January 2007 - December 2007**

| Commodity Group                      | Weight         | 2007         |              |              |              |              |              |              |              |              |              |              |              |
|--------------------------------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                                      |                | Jan          | Feb          | Mar          | Apr          | May          | June         | July         | Aug          | Sept         | Oct          | Nov          | Dec          |
| <b>Crop Products</b>                 | <b>755.9</b>   | <b>96.6</b>  | <b>102.7</b> | <b>116.0</b> | <b>110.4</b> | <b>101.8</b> | <b>94.3</b>  | <b>96.1</b>  | <b>99.8</b>  | <b>101.3</b> | <b>100.9</b> | <b>100.5</b> | <b>99.0</b>  |
| <b>Sugar cane</b>                    | <b>570.5</b>   | <b>98.0</b>  | <b>98.0</b>  | <b>98.0</b>  | <b>98.0</b>  | <b>98.0</b>  | <b>98.0</b>  | <b>102.0</b> | <b>102.0</b> | <b>102.0</b> | <b>102.0</b> | <b>102.0</b> | <b>102.0</b> |
| <b>Other crop products</b>           | <b>185.4</b>   | <b>92.2</b>  | <b>117.4</b> | <b>171.6</b> | <b>148.5</b> | <b>113.3</b> | <b>83.0</b>  | <b>78.0</b>  | <b>93.0</b>  | <b>99.0</b>  | <b>97.6</b>  | <b>95.7</b>  | <b>89.8</b>  |
| <i>Root Crops</i> <sup>1</sup>       | <b>24.7</b>    | <b>93.1</b>  | <b>94.0</b>  | <b>114.8</b> | <b>128.0</b> | <b>126.4</b> | <b>95.7</b>  | <b>95.1</b>  | <b>95.4</b>  | <b>95.4</b>  | <b>101.6</b> | <b>102.3</b> | <b>102.5</b> |
| Potato                               | 22.4           | 95.2         | ...          | ...          | ...          | ...          | 95.2         | 95.0         | 95.0         | 95.0         | 103.0        | 103.0        | 103.0        |
| Other root crops                     | 2.3            | 87.3         | 94.0         | 114.8        | 128.0        | 126.4        | 95.9         | 96.7         | 103.1        | 103.7        | 83.9         | 85.9         | 94.4         |
| <i>Fruits</i> <sup>1</sup>           | <b>21.6</b>    | <b>90.9</b>  | <b>90.4</b>  | <b>84.8</b>  | <b>98.8</b>  | <b>89.1</b>  | <b>95.9</b>  | <b>109.2</b> | <b>116.1</b> | <b>110.6</b> | <b>123.0</b> | <b>100.9</b> | <b>99.7</b>  |
| Banana                               | 7.1            | 84.8         | 84.8         | 86.8         | 100.0        | 100.0        | 100.0        | 104.9        | 104.9        | 106.9        | 109.5        | 109.5        | 109.5        |
| Pineapple                            | 8.4            | 77.5         | 87.6         | 82.8         | 97.9         | 77.6         | 91.4         | 115.4        | 130.9        | 116.7        | 136.1        | 104.1        | 98.5         |
| Other fruits                         | 6.1            | 99.8         | 108.0        | 87.7         | 95.9         | 99.1         | 98.2         | 98.6         | 100.1        | 103.0        | 128.1        | 94.6         | 97.8         |
| <i>Fresh vegetables</i> <sup>1</sup> | <b>119.3</b>   | <b>91.4</b>  | <b>130.1</b> | <b>211.1</b> | <b>170.3</b> | <b>117.7</b> | <b>75.6</b>  | <b>64.7</b>  | <b>86.9</b>  | <b>97.2</b>  | <b>91.2</b>  | <b>92.4</b>  | <b>83.4</b>  |
| Beans                                | 3.4            | 111.0        | 159.3        | 272.2        | 183.0        | 64.0         | 76.0         | 105.0        | 116.0        | 87.0         | 67.0         | 60.0         | 97.0         |
| Brinjal                              | 2.7            | 98.4         | 85.4         | 273.2        | 173.0        | 120.0        | 82.0         | 58.0         | 98.0         | 108.0        | 90.0         | 56.0         | 79.0         |
| Cabbage                              | 4.2            | 127.1        | 163.8        | 343.1        | 220.0        | 180.0        | 53.0         | 57.0         | 96.0         | 87.0         | 57.0         | 58.0         | 87.0         |
| Cauliflower                          | 2.6            | 64.2         | 64.2         | 64.2         | 64.0         | 64.0         | 142.0        | 98.0         | 70.0         | 63.0         | 153.0        | 178.0        | 178.0        |
| Carrot                               | 7.2            | 139.4        | 138.6        | 247.2        | 257.0        | 259.0        | 64.0         | 52.0         | 64.0         | 52.0         | 42.0         | 75.0         | 80.0         |
| Onion                                | 8.1            | ...          | ...          | ...          | 79.0         | 79.0         | 79.0         | 79.0         | 79.0         | 79.0         | 103.0        | 103.0        | 103.0        |
| Tomato                               | 30.1           | 78.5         | 169.7        | 236.4        | 246.0        | 159.0        | 73.0         | 24.0         | 59.0         | 115.0        | 87.0         | 98.0         | 61.0         |
| Creepers                             | 37.0           | 84.0         | 102.0        | 178.8        | 144.9        | 90.5         | 63.1         | 75.8         | 110.4        | 109.0        | 98.5         | 89.0         | 94.9         |
| Other fresh vegetables               | 24.0           | 102.8        | 117.3        | 202.5        | 129.2        | 87.0         | 96.1         | 85.4         | 91.6         | 88.5         | 89.1         | 89.9         | 88.3         |
| <i>Flowers, ornamental plants</i>    | <b>8.5</b>     | <b>96.2</b>  | <b>101.4</b> | <b>100.7</b> | <b>100.0</b> | <b>99.8</b>  | <b>101.2</b> | <b>101.4</b> | <b>99.3</b>  | <b>99.4</b>  | <b>103.1</b> | <b>98.8</b>  | <b>98.8</b>  |
| Anthurium                            | 5.1            | 93.7         | 102.4        | 101.2        | 100.0        | 99.6         | 102.0        | 102.4        | 98.8         | 99.0         | 105.1        | 98.0         | 98.0         |
| Rose                                 | 3.0            | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        |
| Other flowers                        | 0.4            | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        |
| <i>Tea</i>                           | <b>8.1</b>     | <b>94.3</b>  | <b>94.3</b>  | <b>94.3</b>  | <b>94.3</b>  | <b>94.3</b>  | <b>94.3</b>  | <b>105.7</b> | <b>105.7</b> | <b>105.7</b> | <b>105.7</b> | <b>105.7</b> | <b>105.7</b> |
| <i>Tobacco</i>                       | <b>3.2</b>     | <b>105.6</b> | <b>105.6</b> | <b>105.6</b> | <b>98.1</b>  | <b>98.1</b>  | <b>98.1</b>  | <b>98.1</b>  | <b>98.1</b>  | <b>98.1</b>  | <b>98.1</b>  | <b>98.1</b>  | <b>98.1</b>  |
| <b>Animals &amp; Animal Products</b> | <b>244.1</b>   | <b>98.2</b>  | <b>98.1</b>  | <b>98.3</b>  | <b>100.6</b> | <b>100.7</b> | <b>102.2</b> | <b>103.7</b> | <b>99.8</b>  | <b>99.8</b>  | <b>99.9</b>  | <b>99.3</b>  | <b>99.6</b>  |
| Cattle                               | 2.0            | 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                                 | 3.2            | 103.1        | 106.6        | 106.6        | 95.3         | 95.0         | 95.0         | 100.3        | 100.3        | 100.3        | 100.3        | 100.3        | 100.3        |
| Goat                                 | 0.7            | 90.4         | 90.4         | 90.4         | 90.4         | 90.4         | 90.4         | 90.4         | 95.6         | 95.6         | 125.9        | 126.9        | 123.5        |
| Deer                                 | 4.9            | 95.5         | 95.5         | 95.5         | 101.8        | 101.8        | 99.6         | 99.6         | 99.6         | 99.6         | 104.1        | 104.1        | 104.1        |
| Poultry                              | 174.2          | 96.4         | 96.4         | 96.4         | 96.7         | 96.9         | 97.9         | 102.4        | 102.9        | 103.5        | 103.5        | 103.5        | 103.5        |
| Eggs                                 | 55.0           | 104.7        | 104.4        | 105.0        | 112.9        | 112.9        | 116.4        | 108.5        | 89.6         | 87.8         | 87.5         | 84.4         | 86.0         |
| Milk                                 | 4.1            | 83.5         | 83.5         | 83.5         | 105.4        | 105.4        | 105.4        | 105.4        | 105.4        | 105.4        | 105.4        | 105.4        | 105.4        |
| <b>Overall Index</b>                 | <b>1,000.0</b> | <b>97.0</b>  | <b>101.6</b> | <b>111.7</b> | <b>108.0</b> | <b>101.5</b> | <b>96.2</b>  | <b>98.0</b>  | <b>99.8</b>  | <b>100.9</b> | <b>100.7</b> | <b>100.2</b> | <b>99.1</b>  |

<sup>1</sup> The indices are computed based on the method of variable baskets with fixed monthly weights in the base year as explained at paragraph 11 of Annex. The composition of these baskets is shown in Table 12.

... Not applicable

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

(Base period:Year 2007=100)

**Table 5 : Percentage changes from previous month by commodity group and product , January 2010 - December 2010**

|                                      | Weight         | Percentage changes from |              |              |              |              |             |             |             |              |             |             |              |
|--------------------------------------|----------------|-------------------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|--------------|-------------|-------------|--------------|
|                                      |                | Dec 09 to               | Jan 10 to    | Feb 10 to    | Mar 10 to    | Apr 10 to    | May 10 to   | Jun 10 to   | Jul 10 to   | Aug 10 to    | Sep 10 to   | Oct 10 to   | Nov 10 to    |
|                                      |                | Jan 10                  | Feb 10       | Mar 10       | Apr 10       | May 10       | Jun 10      | Jul 10      | Aug 10      | Sep 10       | Oct 10      | Nov 10      | Dec 10       |
| <b>Crop Products</b>                 | <b>755.9</b>   | <b>7.7</b>              | <b>5.9</b>   | <b>-0.3</b>  | <b>-2.7</b>  | <b>-5.5</b>  | <b>-0.3</b> | <b>-2.6</b> | <b>0.0</b>  | <b>-5.4</b>  | <b>4.6</b>  | <b>2.3</b>  | <b>-5.1</b>  |
| <b>Sugar cane</b>                    | <b>570.5</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>-7.5</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>185.4</b>   | <b>27.7</b>             | <b>18.2</b>  | <b>-1.1</b>  | <b>-7.5</b>  | <b>-16.1</b> | <b>-0.8</b> | <b>8.3</b>  | <b>-0.1</b> | <b>-15.9</b> | <b>15.2</b> | <b>6.7</b>  | <b>-14.7</b> |
| <i>Root Crops</i>                    | <b>24.7</b>    | <b>-5.4</b>             | <b>-24.6</b> | <b>21.8</b>  | <b>11.2</b>  | <b>-12.9</b> | <b>10.1</b> | <b>20.4</b> | <b>0.6</b>  | <b>-0.1</b>  | <b>-1.1</b> | <b>1.4</b>  | <b>-0.7</b>  |
| Potato                               | 22.4           | 0.0                     | ...          | ...          | ...          | ...          | ...         | 0.0         | 0.0         | 0.0          | 0.0         | 0.0         | 0.0          |
| Other root crops                     | 2.3            | 8.8                     | -3.9         | 21.8         | 11.2         | -12.9        | -0.2        | 8.3         | -3.4        | -9.3         | -1.4        | 4.6         | -0.2         |
| <i>Fruits</i>                        | <b>21.6</b>    | <b>15.8</b>             | <b>8.3</b>   | <b>-11.7</b> | <b>-18.7</b> | <b>-5.9</b>  | <b>0.6</b>  | <b>4.4</b>  | <b>3.7</b>  | <b>1.2</b>   | <b>15.3</b> | <b>28.6</b> | <b>-29.0</b> |
| Banana                               | 7.1            | -9.4                    | -3.4         | -14.3        | 2.0          | 0.0          | 0.0         | 4.1         | 0.0         | 0.0          | -4.0        | 0.0         | 6.1          |
| Pineapple                            | 8.4            | 36.5                    | 8.4          | -3.2         | -25.9        | -6.8         | -1.3        | 9.6         | 6.8         | -0.4         | 30.1        | 68.8        | -35.9        |
| Other fruits                         | 6.1            | 19.7                    | 23.3         | -29.0        | 4.6          | -0.8         | -0.8        | -5.3        | 1.4         | -4.3         | 12.5        | -1.0        | -22.4        |
| <i>Fresh vegetables</i>              | <b>119.3</b>   | <b>47.4</b>             | <b>31.6</b>  | <b>-2.3</b>  | <b>-10.0</b> | <b>-20.1</b> | <b>-3.3</b> | <b>7.3</b>  | <b>-0.7</b> | <b>-25.3</b> | <b>24.2</b> | <b>5.4</b>  | <b>-17.4</b> |
| Beans                                | 3.4            | 122.4                   | -6.7         | -6.0         | -3.4         | -19.6        | 4.8         | 21.6        | -15.1       | -32.5        | 23.8        | 18.7        | -11.9        |
| Brinjal                              | 2.7            | 330.5                   | -50.7        | 15.6         | 34.9         | 27.3         | 3.1         | 18.9        | -11.4       | -65.9        | 162.6       | -5.6        | -47.6        |
| Cabbage                              | 4.2            | 47.5                    | 22.8         | 7.6          | 5.4          | -51.9        | -12.7       | 15.2        | 16.4        | -10.7        | 26.9        | -16.9       | -28.4        |
| Cauliflower                          | 2.6            | 0.0                     | 0.0          | 0.0          | 0.0          | 22.7         | 0.0         | 0.2         | -12.2       | -13.0        | 17.2        | 5.4         | -16.0        |
| Carrot                               | 7.2            | 36.6                    | 42.2         | 72.2         | 29.8         | -18.1        | -41.8       | -2.4        | -45.5       | -42.4        | 0.0         | 78.1        | 16.4         |
| Onion                                | 8.1            | ...                     | ...          | ...          | ...          | 0.0          | 0.0         | 0.0         | 0.0         | 0.0          | 0.0         | 0.0         | 0.0          |
| Tomato                               | 30.1           | 48.5                    | 134.8        | 3.0          | 7.7          | -41.8        | -31.2       | -15.5       | 20.9        | -39.2        | -15.9       | 56.3        | -13.4        |
| Creepers                             | 37.0           | 43.1                    | 10.8         | -15.1        | -26.8        | -6.7         | 22.2        | 26.9        | 0.6         | -20.2        | 20.5        | 9.6         | -25.4        |
| Other fresh vegetables               | 24.0           | 57.6                    | -15.6        | -1.1         | -8.3         | -15.4        | 22.4        | 0.0         | 5.0         | -18.3        | 20.4        | -19.3       | 13.2         |
| <i>Flowers, ornamental plants</i>    | <b>8.5</b>     | <b>-0.8</b>             | <b>1.4</b>   | <b>-0.6</b>  | <b>6.9</b>   | <b>-0.5</b>  | <b>-0.6</b> | <b>4.3</b>  | <b>-0.9</b> | <b>0.3</b>   | <b>0.3</b>  | <b>-4.1</b> | <b>0.0</b>   |
| Anthurium                            | 5.1            | -1.6                    | 2.6          | -1.2         | 1.4          | -1.0         | -1.2        | 8.2         | -1.8        | 0.6          | 0.4         | -7.6        | 0.0          |
| Rose                                 | 3.0            | 0.0                     | 0.0          | 0.0          | 15.4         | 0.0          | 0.0         | 0.0         | 0.0         | 0.0          | 0.0         | 0.0         | 0.0          |
| Other flowers                        | 0.4            | 0.0                     | 0.0          | 0.0          | 4.0          | 0.0          | 0.0         | 0.0         | 0.0         | 0.0          | 0.0         | 0.0         | 0.0          |
| <i>Tea</i>                           | <b>8.1</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>0.0</b>  | <b>0.0</b>  | <b>0.0</b>   | <b>0.0</b>  | <b>0.0</b>  | <b>0.0</b>   |
| <i>Tobacco</i>                       | <b>3.2</b>     | <b>0.0</b>              | <b>0.0</b>   | <b>0.0</b>   | <b>0.2</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>0.0</b>  | <b>0.0</b>   |
| <b>Animals &amp; Animal Products</b> | <b>244.1</b>   | <b>4.1</b>              | <b>3.6</b>   | <b>-0.1</b>  | <b>1.9</b>   | <b>-0.8</b>  | <b>-0.5</b> | <b>-1.4</b> | <b>0.0</b>  | <b>-0.1</b>  | <b>-1.9</b> | <b>0.0</b>  | <b>1.2</b>   |
| Cattle                               | 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          |
| Pigs                                 | 3.2            | -15.3                   | 0.0          | 0.0          | 0.0          | 0.0          | 0.0         | -7.4        | 0.0         | 0.0          | -21.0       | 0.0         | 0.0          |
| Goat                                 | 0.7            | 5.0                     | 0.0          | 0.0          | 0.0          | 0.0          | 0.0         | 0.0         | 0.0         | 0.0          | 0.0         | 0.0         | 1.4          |
| Deer                                 | 4.9            | 0.0                     | 0.0          | 0.0          | 0.0          | 0.0          | 5.2         | 0.0         | 0.0         | 0.0          | 1.2         | 0.0         | 0.0          |
| Poultry                              | 174.2          | 3.9                     | 4.0          | 0.0          | 1.1          | -1.1         | -1.7        | 0.6         | 0.0         | 0.0          | -0.6        | 0.0         | 1.7          |
| Eggs                                 | 55.0           | 7.3                     | 3.3          | -0.4         | 5.2          | 0.3          | 2.4         | -7.2        | -0.1        | -0.1         | -6.1        | -0.2        | 0.0          |
| Milk                                 | 4.1            | 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>6.4</b>              | <b>5.1</b>   | <b>-0.2</b>  | <b>-1.3</b>  | <b>-3.9</b>  | <b>-0.4</b> | <b>-2.2</b> | <b>0.0</b>  | <b>-3.6</b>  | <b>2.2</b>  | <b>1.6</b>  | <b>-3.0</b>  |

... Not applicable

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

(Base period:Year 2007=100)

**Table 6 : Percentage changes from corresponding month of previous year by commodity group and product , January 2010 - December 2010**

| Commodity Group                      | Weight         | Percentage changes from |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |
|--------------------------------------|----------------|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                                      |                | Jan 09 to<br>Jan 10     | Feb 09 to<br>Feb 10 | Mar 09 to<br>Mar 10 | Apr 09 to<br>Apr 10 | May 09 to<br>May 10 | Jun 09 to<br>Jun 10 | Jul 09 to<br>Jul 10 | Aug 09 to<br>Aug 10 | Sep 09 to<br>Sep 10 | Oct 09 to<br>Oct 10 | Nov 09 to<br>Nov 10 | Dec 09 to<br>Dec 10 |
| <b>Crop Products</b>                 | <b>755.9</b>   | <b>-9.1</b>             | <b>-10.4</b>        | <b>-12.5</b>        | <b>-11.0</b>        | <b>-13.6</b>        | <b>-13.6</b>        | <b>-2.4</b>         | <b>-1.5</b>         | <b>-5.8</b>         | <b>-0.1</b>         | <b>0.2</b>          | <b>-2.8</b>         |
| <b>Sugar cane</b>                    | <b>570.5</b>   | <b>-16.2</b>            | <b>-16.2</b>        | <b>-16.2</b>        | <b>-16.2</b>        | <b>-16.2</b>        | <b>-16.2</b>        | <b>-7.5</b>         | <b>-7.5</b>         | <b>-7.5</b>         | <b>-7.5</b>         | <b>-7.5</b>         | <b>-7.5</b>         |
| <b>Other crop products</b>           | <b>185.4</b>   | <b>10.2</b>             | <b>2.2</b>          | <b>-5.0</b>         | <b>0.9</b>          | <b>-7.2</b>         | <b>-6.9</b>         | <b>9.3</b>          | <b>12.6</b>         | <b>-1.2</b>         | <b>19.1</b>         | <b>18.8</b>         | <b>9.7</b>          |
| <b>Root Crops</b>                    | <b>24.7</b>    | <b>1.7</b>              | <b>0.1</b>          | <b>19.7</b>         | <b>25.1</b>         | <b>25.7</b>         | <b>5.1</b>          | <b>11.5</b>         | <b>11.1</b>         | <b>11.2</b>         | <b>10.7</b>         | <b>11.6</b>         | <b>11.7</b>         |
| Potato                               | 22.4           | 5.0                     | ...                 | ...                 | ...                 | ...                 | 16.8                | 11.2                | 11.2                | 11.2                | 11.2                | 11.2                | 11.2                |
| Other root crops                     | 2.3            | -8.8                    | 0.1                 | 19.7                | 25.1                | 25.7                | -0.4                | 14.2                | 7.4                 | 9.0                 | 2.1                 | 8.4                 | 20.2                |
| <b>Fruits</b>                        | <b>21.6</b>    | <b>8.2</b>              | <b>7.6</b>          | <b>-3.5</b>         | <b>-0.4</b>         | <b>-5.1</b>         | <b>-16.5</b>        | <b>-1.1</b>         | <b>-6.0</b>         | <b>-4.3</b>         | <b>-0.5</b>         | <b>33.4</b>         | <b>-1.8</b>         |
| Banana                               | 7.1            | -13.4                   | -16.3               | -26.1               | -16.9               | -19.7               | -19.7               | -16.4               | -16.4               | -16.4               | -23.4               | -23.4               | -18.8               |
| Pineapple                            | 8.4            | -0.1                    | 10.2                | 6.6                 | 8.6                 | 4.0                 | -18.1               | 9.8                 | 0.0                 | 2.8                 | 7.9                 | 84.5                | 60.3                |
| Other fruits                         | 6.1            | 21.8                    | 31.7                | 5.4                 | 6.2                 | 4.9                 | 7.0                 | -0.7                | 0.0                 | -3.3                | 12.1                | 17.7                | -14.3               |
| <b>Fresh vegetables</b>              | <b>119.3</b>   | <b>14.6</b>             | <b>2.1</b>          | <b>-8.3</b>         | <b>-2.5</b>         | <b>-13.2</b>        | <b>-8.9</b>         | <b>11.4</b>         | <b>18.6</b>         | <b>-5.1</b>         | <b>30.7</b>         | <b>20.9</b>         | <b>13.4</b>         |
| Beans                                | 3.4            | 37.4                    | -6.0                | -20.0               | 4.6                 | 3.0                 | 12.2                | 43.2                | 43.3                | 40.1                | 44.9                | 28.8                | 43.2                |
| Brinjal                              | 2.7            | 134.1                   | 7.8                 | 84.6                | -5.2                | 32.9                | -27.5               | -6.1                | 0.1                 | -46.9               | 75.3                | 71.8                | 102.4               |
| Cabbage                              | 4.2            | 15.3                    | -25.4               | -7.2                | 23.4                | -43.9               | -43.3               | -29.2               | 39.5                | 127.3               | 194.5               | 44.0                | -22.0               |
| Cauliflower                          | 2.6            | -0.5                    | -0.5                | -0.5                | -0.5                | 22.1                | 22.1                | 22.3                | 11.7                | -11.4               | -10.3               | 16.1                | -2.5                |
| Carrot                               | 7.2            | -45.6                   | -57.3               | -18.8               | 6.1                 | 46.4                | 16.2                | 144.5               | 47.5                | 12.6                | 24.1                | 25.2                | 31.3                |
| Onion                                | 8.1            | ...                     | ...                 | ...                 | 20.6                | 20.6                | 20.6                | 20.6                | 20.6                | 20.6                | 20.6                | 20.6                | 20.6                |
| Tomato                               | 30.1           | -13.3                   | 28.0                | -13.7               | 24.8                | -26.0               | 4.6                 | -3.5                | 32.4                | -4.1                | 53.8                | -3.0                | 9.5                 |
| Creepers                             | 37.0           | 31.0                    | 8.1                 | -7.2                | -26.0               | -14.4               | -18.3               | 12.2                | 11.1                | -15.4               | 25.1                | 38.9                | 12.4                |
| Other fresh vegetables               | 24.0           | 45.2                    | -3.7                | 10.1                | -8.6                | -12.5               | -12.1               | -1.6                | 13.1                | -6.5                | 30.3                | 12.5                | 17.9                |
| <b>Flowers, ornamental plants</b>    | <b>8.5</b>     | <b>-0.1</b>             | <b>1.6</b>          | <b>-1.7</b>         | <b>6.4</b>          | <b>2.0</b>          | <b>1.3</b>          | <b>6.5</b>          | <b>5.9</b>          | <b>6.1</b>          | <b>4.0</b>          | <b>5.3</b>          | <b>5.1</b>          |
| Anthurium                            | 5.1            | -0.2                    | 2.8                 | -3.0                | 0.6                 | -6.5                | -7.8                | 1.0                 | 0.0                 | 0.4                 | -3.0                | -1.4                | -1.8                |
| Rose                                 | 3.0            | 0.0                     | 0.0                 | 0.0                 | 15.4                | 15.4                | 15.4                | 15.4                | 15.4                | 15.4                | 15.4                | 15.4                | 15.4                |
| Other flowers                        | 0.4            | 0.0                     | 0.0                 | 0.0                 | 4.0                 | 4.0                 | 4.0                 | 4.0                 | 4.0                 | 4.0                 | 4.0                 | 4.0                 | 4.0                 |
| <b>Tea</b>                           | <b>8.1</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>0.0</b>          | <b>0.0</b>          | <b>0.0</b>          | <b>0.0</b>          | <b>0.0</b>          | <b>0.0</b>          |
| <b>Tobacco</b>                       | <b>3.2</b>     | <b>-5.5</b>             | <b>-5.5</b>         | <b>-5.5</b>         | <b>0.2</b>          | <b>0.2</b>          | <b>0.2</b>          | <b>0.2</b>          | <b>0.2</b>          | <b>0.2</b>          | <b>0.2</b>          | <b>0.2</b>          | <b>0.2</b>          |
| <b>Animals &amp; Animal Products</b> | <b>244.1</b>   | <b>6.7</b>              | <b>10.5</b>         | <b>10.4</b>         | <b>8.7</b>          | <b>6.5</b>          | <b>5.7</b>          | <b>5.7</b>          | <b>5.6</b>          | <b>6.3</b>          | <b>6.0</b>          | <b>5.1</b>          | <b>6.0</b>          |
| Cattle                               | 2.0            | 3.8                     | 3.8                 | 3.8                 | 3.8                 | 3.8                 | 3.8                 | 0.0                 | 0.0                 | 0.0                 | 0.0                 | 0.0                 | 0.0                 |
| Pigs                                 | 3.2            | -13.2                   | -13.2               | -13.2               | -3.7                | -3.7                | -3.7                | 3.2                 | 3.2                 | 3.2                 | -26.8               | -26.8               | -38.0               |
| Goat                                 | 0.7            | 12.1                    | 12.1                | 7.6                 | 7.6                 | 7.6                 | 5.7                 | 5.0                 | 5.0                 | 5.0                 | 5.0                 | 5.0                 | 6.4                 |
| Deer                                 | 4.9            | 3.2                     | 3.2                 | 3.2                 | 3.2                 | 3.2                 | 8.6                 | 8.6                 | 8.6                 | 8.6                 | 6.5                 | 6.5                 | 6.5                 |
| Poultry                              | 174.2          | 2.6                     | 6.7                 | 6.7                 | 6.8                 | 6.2                 | 4.4                 | 6.8                 | 6.8                 | 6.8                 | 6.2                 | 6.2                 | 8.0                 |
| Eggs                                 | 55.0           | 25.8                    | 29.8                | 29.3                | 17.9                | 9.3                 | 10.7                | 2.7                 | 2.4                 | 5.9                 | 8.5                 | 4.0                 | 3.4                 |
| Milk                                 | 4.1            | 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>-4.4</b>             | <b>-4.5</b>         | <b>-6.1</b>         | <b>-5.3</b>         | <b>-7.6</b>         | <b>-7.8</b>         | <b>0.2</b>          | <b>0.8</b>          | <b>-1.8</b>         | <b>1.9</b>          | <b>1.9</b>          | <b>0.2</b>          |

... Not applicable



**Quarterly Producer Price Index -Agriculture (PPI-A)**  
(Base period:Year 2007=100)

**Table 7 : Quarterly indices <sup>1</sup> by commodity group and product, 1st Quarter 2009 - 4th Quarter 2010**

| Commodity Group                      | Weight         | 2009         |              |              |              | 2010                      |                           |                           |                           |
|--------------------------------------|----------------|--------------|--------------|--------------|--------------|---------------------------|---------------------------|---------------------------|---------------------------|
|                                      |                | 1st Qr       | 2nd Qr       | 3rd Qr       | 4th Qr       | 1st Qr                    | 2nd Qr                    | 3rd Qr                    | 4th Qr                    |
| <b>Crop Products</b>                 | <b>755.9</b>   | <b>103.6</b> | <b>101.4</b> | <b>85.8</b>  | <b>84.1</b>  | <b>93.0</b>               | <b>88.3</b>               | <b>83.0</b>               | <b>83.4</b>               |
| <b>Sugar cane</b>                    | <b>570.5</b>   | <b>95.5</b>  | <b>95.5</b>  | <b>80.0</b>  | <b>80.0</b>  | <b>80.0</b>               | <b>80.0</b>               | <b>74.0</b> <sup>2</sup>  | <b>74.0</b> <sup>2</sup>  |
| <b>Other crop products</b>           | <b>185.4</b>   | <b>128.7</b> | <b>119.4</b> | <b>103.5</b> | <b>96.8</b>  | <b>132.8</b>              | <b>113.7</b>              | <b>110.8</b>              | <b>112.2</b>              |
| <i>Root Crops</i> <sup>3</sup>       | <b>24.7</b>    | <b>108.5</b> | <b>103.3</b> | <b>129.0</b> | <b>128.5</b> | <b>114.0</b>              | <b>118.5</b>              | <b>143.5</b>              | <b>143.0</b>              |
| Potato                               | 22.4           | 124.5        | 124.5        | 130.7        | 130.7        | 130.7                     | 145.4                     | 145.4                     | 145.4                     |
| Other root crops                     | 2.3            | 95.7         | 99.8         | 100.2        | 95.3         | 100.8                     | 114.1                     | 110.3                     | 102.8                     |
| <i>Fruits</i> <sup>3</sup>           | <b>21.6</b>    | <b>118.1</b> | <b>99.1</b>  | <b>100.7</b> | <b>108.5</b> | <b>124.3</b>              | <b>91.6</b>               | <b>96.8</b>               | <b>118.0</b>              |
| Banana                               | 7.1            | 81.8         | 74.3         | 75.2         | 78.9         | 66.8                      | 60.4                      | 62.9                      | 61.6                      |
| Pineapple                            | 8.4            | 158.6        | 121.7        | 126.4        | 144.0        | 168.2                     | 119.0                     | 131.3                     | 218.4                     |
| Other fruits                         | 6.1            | 109.9        | 110.8        | 111.9        | 107.0        | 136.1                     | 117.9                     | 109.7                     | 102.2                     |
| <i>Fresh vegetables</i> <sup>3</sup> | <b>119.3</b>   | <b>137.7</b> | <b>127.8</b> | <b>97.4</b>  | <b>85.8</b>  | <b>142.1</b>              | <b>116.8</b>              | <b>105.9</b>              | <b>104.7</b>              |
| Beans                                | 3.4            | 172.1        | 132.7        | 94.3         | 92.9         | 185.8                     | 142.0                     | 134.3                     | 128.6                     |
| Brinjal                              | 2.7            | 74.2         | 181.3        | 176.6        | 77.3         | 129.7                     | 166.3                     | 151.5                     | 138.1                     |
| Cabbage                              | 4.2            | 173.9        | 151.9        | 87.6         | 66.7         | 159.2                     | 100.0                     | 99.5                      | 102.2                     |
| Cauliflower                          | 2.6            | 105.7        | 105.7        | 105.9        | 111.9        | 105.2                     | 129.0                     | 116.8                     | 108.6                     |
| Carrot                               | 7.2            | 277.5        | 179.3        | 54.2         | 52.9         | 161.1                     | 217.8                     | 100.4                     | 66.2                      |
| Onion                                | 8.1            | ...          | 116.5        | 116.5        | 116.5        | ...                       | 140.5                     | 140.5                     | 140.5                     |
| Tomato                               | 30.1           | 160.4        | 145.7        | 75.1         | 61.3         | 164.9                     | 141.3                     | 81.2                      | 67.8                      |
| Creepers                             | 37.0           | 108.7        | 104.4        | 107.9        | 87.9         | 121.2                     | 84.0                      | 110.7                     | 110.4                     |
| Other fresh vegetables               | 24.0           | 114.9        | 124.8        | 113.0        | 92.5         | 136.1                     | 110.6                     | 114.9                     | 111.6                     |
| <i>Flowers, ornamental plants</i>    | <b>8.5</b>     | <b>108.0</b> | <b>111.1</b> | <b>111.4</b> | <b>109.9</b> | <b>107.9</b>              | <b>114.7</b>              | <b>118.3</b>              | <b>115.1</b>              |
| Anthurium                            | 5.1            | 100.5        | 105.7        | 106.2        | 103.7        | 100.3                     | 100.7                     | 106.7 <sup>4</sup>        | 101.5 <sup>2</sup>        |
| Rose                                 | 3.0            | 118.2        | 118.2        | 118.2        | 118.2        | 118.2                     | 136.4                     | 136.4                     | 136.4                     |
| Other flowers                        | 0.4            | 125.0        | 125.0        | 125.0        | 125.0        | 125.0                     | 130.0                     | 130.0                     | 130.0                     |
| <i>Tea</i>                           | <b>8.1</b>     | <b>106.2</b> | <b>106.2</b> | <b>106.2</b> | <b>106.2</b> | <b>106.2</b> <sup>2</sup> | <b>106.2</b> <sup>2</sup> | <b>106.2</b> <sup>2</sup> | <b>106.2</b> <sup>2</sup> |
| <i>Tobacco</i>                       | <b>3.2</b>     | <b>131.9</b> | <b>124.7</b> | <b>124.7</b> | <b>124.7</b> | <b>124.7</b>              | <b>125.0</b> <sup>2</sup> | <b>125.0</b> <sup>2</sup> | <b>125.0</b> <sup>2</sup> |
| <b>Animals &amp; Animal Products</b> | <b>244.1</b>   | <b>127.6</b> | <b>133.4</b> | <b>132.0</b> | <b>130.1</b> | <b>139.3</b>              | <b>142.6</b>              | <b>139.8</b>              | <b>137.6</b>              |
| Cattle                               | 2.0            | 106.5        | 106.5        | 110.5        | 110.5        | 110.5                     | 110.5                     | 110.5                     | 110.5                     |
| Pigs                                 | 3.2            | 151.6        | 136.6        | 118.1        | 139.5        | 131.6                     | 131.6                     | 121.9                     | 96.3                      |
| Goat                                 | 0.7            | 131.6        | 136.0        | 138.6        | 138.6        | 145.5                     | 145.5                     | 145.5                     | 146.2                     |
| Deer                                 | 4.9            | 120.4        | 120.4        | 120.4        | 124.3        | 124.3                     | 126.5                     | 130.8                     | 132.4                     |
| Poultry                              | 174.2          | 133.6        | 134.5        | 132.0        | 132.0        | 140.8                     | 142.3                     | 141.0                     | 141.0                     |
| Eggs                                 | 55.0           | 104.6        | 127.7        | 130.7        | 120.5        | 134.2                     | 143.7                     | 135.4                     | 126.9                     |
| Milk                                 | 4.1            | 184.5        | 184.5        | 184.5        | 184.5        | 184.5                     | 184.5                     | 184.5                     | 184.5                     |
| <b>Overall Index</b>                 | <b>1,000.0</b> | <b>109.5</b> | <b>109.2</b> | <b>97.1</b>  | <b>95.3</b>  | <b>104.3</b>              | <b>101.6</b>              | <b>96.9</b>               | <b>96.6</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> The indices are computed based on the method of variable baskets with fixed monthly weights in the base year as explained at paragraph 11 of Annex. The composition of these baskets is shown in Table 12.

<sup>4</sup> Revised

... Not applicable

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

(Base period: Year 2007=100)

**Table 8 : Quarterly changes (%) and net contributions of commodity group and product to the change, 1st Quarter 2010- 4th Quarter 2010**

| Commodity Group                      | Weight         | Percentage changes from previous quarter |                 |                 |                 | Percentage changes from corresponding quarter of previous year |                 |                 |                 | Net contributions from |                 |                 |                 |           |
|--------------------------------------|----------------|--|-----------------|-----------------|-----------------|--|-----------------|-----------------|-----------------|------------------------|-----------------|-----------------|-----------------|-----------|
|                                      |                | 4th Qr 09                                | 1st Qr 10       | 2nd Qr 10       | 3rd Qr 10       | 1st Qr 09  | 2nd Qr 09       | 3rd Qr 09       | 4th Qr 09       | 4th Qr 09              | 1st Qr 10       | 2nd Qr 10       | 3rd Qr 10       | 4th Qr 10 |
|                                      |                | to<br>1st Qr 10                          | to<br>2nd Qr 10 | to<br>3rd Qr 10 | to<br>4th Qr 10 | to<br>1st Qr 10  | to<br>2nd Qr 10 | to<br>3rd Qr 10 | to<br>4th Qr 10 | to<br>1st Qr 10        | to<br>2nd Qr 10 | to<br>3rd Qr 10 | to<br>4th Qr 10 |           |
| <b>Crop Products</b>                 | <b>755.9</b>   | <b>10.6</b>                              | <b>-5.1</b>     | <b>-6.0</b>     | <b>0.5</b>      | <b>-10.2</b>   | <b>-12.9</b>    | <b>-3.3</b>     | <b>-0.8</b>     | <b>7.29</b>            | <b>-2.48</b>    | <b>-5.00</b>    | <b>-0.17</b>    |           |
| <b>Sugar cane</b>                    | <b>570.5</b>   | <b>0.0</b>                               | <b>0.0</b>      | <b>-7.5</b>     | <b>0.0</b>      | <b>-16.2</b>   | <b>-16.2</b>    | <b>-7.5</b>     | <b>-7.5</b>     | <b>0.00</b>            | <b>0.00</b>     | <b>-3.42</b>    | <b>0.00</b>     |           |
| <b>Other crop products</b>           | <b>185.4</b>   | <b>37.2</b>                              | <b>-14.4</b>    | <b>-2.6</b>     | <b>1.3</b>      | <b>3.2</b>   | <b>-4.8</b>     | <b>7.1</b>      | <b>15.9</b>     | <b>7.29</b>            | <b>-2.48</b>    | <b>-1.58</b>    | <b>-0.17</b>    |           |
| <i>Root Crops</i>                    | <b>24.7</b>    | <b>-11.3</b>                             | <b>3.9</b>      | <b>21.1</b>     | <b>-0.3</b>     | <b>5.1</b>   | <b>14.7</b>     | <b>11.2</b>     | <b>11.3</b>     | <b>0.01</b>            | <b>0.36</b>     | <b>-0.01</b>    | <b>-0.02</b>    |           |
| Potato                               | 22.4           | 0.0                                      | 11.2            | 0.0             | 0.0             | 5.0  | 16.8            | 11.2            | 11.2            | 0.00                   | 0.33            | 0.00            | 0.00            |           |
| Other root crops                     | 2.3            | 5.8                                      | 13.2            | -3.3            | -6.8            | 5.3  | 14.3            | 10.1            | 7.9             | 0.01                   | 0.03            | -0.01           | -0.02           |           |
| <i>Fruits</i>                        | <b>21.6</b>    | <b>14.6</b>                              | <b>-26.3</b>    | <b>5.7</b>      | <b>21.9</b>     | <b>5.2</b>   | <b>-7.6</b>     | <b>-3.9</b>     | <b>8.8</b>      | <b>0.29</b>            | <b>-0.57</b>    | <b>0.07</b>     | <b>0.67</b>     |           |
| Banana                               | 7.1            | -15.3                                    | -9.6            | 4.1             | -2.1            | -18.3  | -18.7           | -16.4           | -21.9           | -0.09                  | -0.05           | 0.02            | -0.01           |           |
| Pineapple                            | 8.4            | 16.8                                     | -29.3           | 10.3            | 66.3            | 6.1  | -2.2            | 3.9             | 51.7            | 0.20                   | -0.41           | 0.10            | 0.73            |           |
| Other fruits                         | 6.1            | 27.2                                     | -13.4           | -7.0            | -6.8            | 23.8   | 6.4             | -2.0            | -4.5            | 0.18                   | -0.11           | -0.05           | -0.05           |           |
| <i>Fresh vegetables</i>              | <b>119.3</b>   | <b>65.6</b>                              | <b>-17.8</b>    | <b>-9.3</b>     | <b>-1.1</b>     | <b>3.2</b>   | <b>-8.6</b>     | <b>8.7</b>      | <b>22.0</b>     | <b>7.00</b>            | <b>-2.33</b>    | <b>-1.67</b>    | <b>-0.81</b>    |           |
| Beans                                | 3.4            | 100.0                                    | -23.6           | -5.4            | -4.2            | 8.0  | 7.0             | 42.4            | 38.4            | 0.32                   | -0.15           | -0.03           | -0.02           |           |
| Brinjal                              | 2.7            | 67.8                                     | 28.2            | -8.9            | -8.8            | 74.8   | -8.3            | -14.2           | 78.7            | 0.14                   | 0.10            | -0.04           | -0.04           |           |
| Cabbage                              | 4.2            | 138.7                                    | -37.2           | -0.5            | 2.7             | -8.5   | -34.2           | 13.6            | 53.2            | 0.39                   | -0.25           | 0.00            | 0.01            |           |
| Cauliflower                          | 2.6            | -6.0                                     | 22.6            | -9.5            | -7.0            | -0.5   | 22.0            | 10.3            | -2.9            | -0.02                  | 0.06            | -0.03           | -0.02           |           |
| Carrot                               | 7.2            | 204.5                                    | 35.2            | -53.9           | -34.1           | -41.9  | 21.5            | 85.2            | 25.1            | 0.78                   | 0.41            | -0.85           | -0.25           |           |
| Onion                                | 8.1            | ...                                      | ...             | 0.0             | 0.0             | ...  | 20.6            | 20.6            | 20.6            | ...                    | 0.19            | 0.00            | 0.00            |           |
| Tomato                               | 30.1           | 169.0                                    | -14.3           | -42.5           | -16.5           | 2.8  | -3.0            | 8.1             | 10.6            | 3.12                   | -0.71           | -1.81           | -0.40           |           |
| Creepers                             | 37.0           | 37.9                                     | -30.7           | 31.8            | -0.3            | 11.5   | -19.5           | 2.6             | 25.6            | 1.23                   | -1.38           | 0.99            | -0.01           |           |
| Other fresh vegetables               | 24.0           | 47.1                                     | -18.7           | 3.9             | -2.9            | 18.5   | -11.4           | 1.7             | 20.6            | 1.05                   | -0.61           | 0.10            | -0.08           |           |
| <i>Flowers, ornamental plants</i>    | <b>8.5</b>     | <b>-1.8</b>                              | <b>6.3</b>      | <b>3.1</b>      | <b>-2.7</b>     | <b>-0.1</b>  | <b>3.2</b>      | <b>6.2</b>      | <b>4.7</b>      | <b>-0.02</b>           | <b>0.06</b>     | <b>0.03</b>     | <b>-0.03</b>    |           |
| Anthurium                            | 5.1            | -3.3                                     | 0.4             | 6.0             | -4.9            | -0.2   | -4.7            | 0.5             | -2.1            | -0.02                  | 0.00            | 0.03            | -0.03           |           |
| Rose                                 | 3.0            | 0.0                                      | 15.4            | 0.0             | 0.0             | 0.0  | 15.4            | 15.4            | 15.4            | 0.00                   | 0.05            | 0.00            | 0.00            |           |
| Other flowers                        | 0.4            | 0.0                                      | 4.0             | 0.0             | 0.0             | 0.0  | 4.0             | 4.0             | 4.0             | 0.00                   | 0.00            | 0.00            | 0.00            |           |
| <i>Tea</i>                           | <b>8.1</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>0.0</b>      | <b>0.0</b>      | <b>0.00</b>            | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     |           |
| <i>Tobacco</i>                       | <b>3.2</b>     | <b>0.0</b>                               | <b>0.2</b>      | <b>0.0</b>      | <b>0.0</b>      | <b>-5.5</b>  | <b>0.2</b>      | <b>0.2</b>      | <b>0.2</b>      | <b>0.00</b>            | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     |           |
| <b>Animals &amp; Animal Products</b> | <b>244.1</b>   | <b>7.1</b>                               | <b>2.4</b>      | <b>-2.0</b>     | <b>-1.6</b>     | <b>9.2</b>   | <b>6.9</b>      | <b>5.9</b>      | <b>5.8</b>      | <b>2.27</b>            | <b>0.79</b>     | <b>-0.70</b>    | <b>-0.54</b>    |           |
| Cattle                               | 2.0            | 0.0                                      | 0.0             | 0.0             | 0.0             | 3.8  | 3.8             | 0.0             | 0.0             | 0.00                   | 0.00            | 0.00            | 0.00            |           |
| Pigs                                 | 3.2            | -5.7                                     | 0.0             | -7.4            | -21.0           | -13.2  | -3.7            | 3.2             | -31.0           | -0.03                  | 0.00            | -0.03           | -0.08           |           |
| Goat                                 | 0.7            | 5.0                                      | 0.0             | 0.0             | 0.5             | 10.6   | 7.0             | 5.0             | 5.5             | 0.00                   | 0.00            | 0.00            | 0.00            |           |
| Deer                                 | 4.9            | 0.0                                      | 1.8             | 3.4             | 1.2             | 3.2  | 5.1             | 8.6             | 6.5             | 0.00                   | 0.01            | 0.02            | 0.01            |           |
| Poultry                              | 174.2          | 6.7                                      | 1.1             | -0.9            | 0.0             | 5.4  | 5.8             | 6.8             | 6.8             | 1.53                   | 0.26            | -0.23           | 0.00            |           |
| Eggs                                 | 55.0           | 11.4                                     | 7.1             | -5.8            | -6.3            | 28.3   | 12.5            | 3.6             | 5.3             | 0.75                   | 0.52            | -0.46           | -0.47           |           |
| Milk                                 | 4.1            | 0.0                                      | 0.0             | 0.0             | 0.0             | 0.0  | 0.0             | 0.0             | 0.0             | 0.00                   | 0.00            | 0.00            | 0.00            |           |
| <b>Overall</b>                       | <b>1,000.0</b> | <b>9.4</b>                               | <b>-2.6</b>     | <b>-4.6</b>     | <b>-0.3</b>     | <b>-4.7</b>  | <b>-7.0</b>     | <b>-0.2</b>     | <b>1.4</b>      | <b>9.6</b>             | <b>-1.7</b>     | <b>-5.70</b>    | <b>-0.71</b>    |           |

... Not applicable

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

(Base period:Year 2007=100)

**Table 9 : Annual indices, annual changes (%) and net contributions of commodity group and product to the change, 2008 - 2010**

| Commodity Group                      | Weight         | Annual index <sup>1</sup> |              |              | Percentage changes from |              | Net contributions from |              |
|--------------------------------------|----------------|---------------------------|--------------|--------------|-------------------------|--------------|------------------------|--------------|
|                                      |                | 2008                      | 2009         | 2010         | 2008 to 2009            | 2009 to 2010 | 2008 to 2009           | 2009 to 2010 |
| <b>Crop Products</b>                 | <b>755.9</b>   | <b>101.3</b>              | <b>93.4</b>  | <b>87.1</b>  | <b>-7.8</b>             | <b>-6.7</b>  | <b>-5.94</b>           | <b>-4.79</b> |
| <b>Sugar cane</b>                    | <b>570.5</b>   | <b>98.8</b>               | <b>87.8</b>  | <b>77.0</b>  | <b>-11.1</b>            | <b>-12.3</b> | <b>-6.28</b>           | <b>-6.16</b> |
| <b>Other crop products</b>           | <b>185.4</b>   | <b>109.0</b>              | <b>110.7</b> | <b>118.1</b> | <b>1.6</b>              | <b>6.7</b>   | <b>0.34</b>            | <b>1.37</b>  |
| <i>Root Crops</i> <sup>2</sup>       | <b>24.7</b>    | <b>122.4</b>              | <b>128.5</b> | <b>141.7</b> | <b>5.0</b>              | <b>10.3</b>  | <b>0.12</b>            | <b>0.35</b>  |
| Potato                               | 22.4           | 124.6                     | 130.6        | 145.2        | 4.8                     | 11.2         | 0.13                   | 0.33         |
| Other root crops                     | 2.3            | 101.2                     | 97.6         | 107.1        | -3.6                    | 9.7          | -0.01                  | 0.02         |
| <i>Fruits</i> <sup>2</sup>           | <b>21.6</b>    | <b>100.4</b>              | <b>108.0</b> | <b>114.1</b> | <b>7.5</b>              | <b>5.6</b>   | <b>0.21</b>            | <b>0.09</b>  |
| Banana                               | 7.1            | 82.1                      | 77.6         | 63.0         | -5.5                    | -18.8        | -0.03                  | -0.10        |
| Pineapple                            | 8.4            | 120.8                     | 138.3        | 158.9        | 14.5                    | 14.9         | 0.15                   | 0.17         |
| Other fruits                         | 6.1            | 93.6                      | 108.1        | 111.8        | 15.5                    | 3.4          | 0.09                   | 0.02         |
| <i>Fresh vegetables</i> <sup>2</sup> | <b>119.3</b>   | <b>107.8</b>              | <b>107.4</b> | <b>114.9</b> | <b>-0.4</b>             | <b>7.0</b>   | <b>-0.02</b>           | <b>0.89</b>  |
| Beans                                | 3.4            | 114.4                     | 114.3        | 142.3        | -0.1                    | 24.5         | 0.00                   | 0.10         |
| Brinjal                              | 2.7            | 175.7                     | 118.7        | 143.9        | -32.4                   | 21.2         | -0.15                  | 0.07         |
| Cabbage                              | 4.2            | 113.4                     | 111.6        | 109.3        | -1.6                    | -2.1         | -0.01                  | -0.01        |
| Cauliflower                          | 2.6            | 107.6                     | 107.4        | 116.3        | -0.2                    | 8.3          | 0.00                   | 0.02         |
| Carrot                               | 7.2            | 117.4                     | 128.0        | 130.3        | 9.0                     | 1.8          | 0.08                   | 0.02         |
| Onion                                | 8.1            | 117.0                     | 116.5        | 140.5        | -0.4                    | 20.6         | 0.00                   | 0.19         |
| Tomato                               | 30.1           | 91.5                      | 102.6        | 106.6        | 12.1                    | 3.9          | 0.33                   | 0.12         |
| Creepers                             | 37.0           | 106.7                     | 101.6        | 107.2        | -4.8                    | 5.5          | -0.19                  | 0.21         |
| Other fresh vegetables               | 24.0           | 114.1                     | 110.6        | 117.5        | -3.1                    | 6.2          | -0.08                  | 0.17         |
| <i>Flowers, ornamental plants</i>    | <b>8.5</b>     | <b>107.6</b>              | <b>110.1</b> | <b>114.0</b> | <b>2.3</b>              | <b>3.5</b>   | <b>0.02</b>            | <b>0.03</b>  |
| Anthurium                            | 5.1            | 98.9                      | 104.0        | 102.3        | 5.2                     | -1.6         | 0.03                   | -0.01        |
| Rose                                 | 3.0            | 120.5                     | 118.2        | 131.9        | -1.9                    | 11.6         | -0.01                  | 0.04         |
| Other flowers                        | 0.4            | 121.3                     | 125.0        | 128.8        | 3.1                     | 3.0          | 0.00                   | 0.00         |
| <i>Tea</i>                           | <b>8.1</b>     | <b>106.0</b>              | <b>106.2</b> | <b>106.2</b> | <b>0.2</b>              | <b>0.0</b>   | <b>0.00</b>            | <b>0.00</b>  |
| <i>Tobacco</i>                       | <b>3.2</b>     | <b>123.4</b>              | <b>126.5</b> | <b>124.9</b> | <b>2.5</b>              | <b>-1.3</b>  | <b>0.01</b>            | <b>-0.01</b> |
| <b>Animals &amp; Animal Products</b> | <b>244.1</b>   | <b>121.0</b>              | <b>130.8</b> | <b>139.8</b> | <b>8.1</b>              | <b>6.9</b>   | <b>2.41</b>            | <b>2.21</b>  |
| Cattle                               | 2.0            | 102.0                     | 109.0        | 111.0        | 6.9                     | 1.8          | 0.01                   | 0.00         |
| Pigs                                 | 3.2            | 122.0                     | 139.5        | 120.0        | 14.3                    | -14.0        | 0.06                   | -0.06        |
| Goat                                 | 0.7            | 128.0                     | 136.0        | 146.0        | 6.3                     | 7.4          | 0.01                   | 0.01         |
| Deer                                 | 4.9            | 114.0                     | 121.0        | 128.0        | 6.1                     | 5.8          | 0.03                   | 0.03         |
| Poultry                              | 174.2          | 122.4                     | 133.0        | 141.3        | 8.7                     | 6.2          | 1.85                   | 1.45         |
| Eggs                                 | 55.0           | 114.8                     | 120.9        | 135.1        | 5.3                     | 11.7         | 0.34                   | 0.78         |
| Milk                                 | 4.1            | 158.2                     | 184.5        | 184.5        | 16.6                    | 0.0          | 0.11                   | 0.00         |
| <b>Overall</b>                       | <b>1,000.0</b> | <b>106.1</b>              | <b>102.5</b> | <b>99.9</b>  | <b>-3.4</b>             | <b>-2.5</b>  | <b>-3.53</b>           | <b>-2.58</b> |

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

<sup>2</sup> The indices are computed based on the method of variable baskets with fixed monthly weights in the base year as explained at paragraph 11 of Annex. The composition of these baskets is shown in Table 12.

**Table 10 : Monthly and Quarterly Price Indices - Agriculture (PPI-A) : January 2007 - December 2010**  
**(Base period : Year 2007=100)**

| <b>Month</b>                      | <b>2007</b>         | <b>2008</b>         | <b>2009</b>         | <b>2010</b>                    |
|-----------------------------------|---------------------|---------------------|---------------------|--------------------------------|
| January                           | 97.0                | 101.6               | 105.8               | 101.1                          |
| February                          | 101.6               | 104.8               | 111.3               | 106.3                          |
| March                             | 111.7               | 106.2               | 113.0               | 106.1                          |
| <b><i>1st quarter</i></b>         | <b><i>103.2</i></b> | <b><i>103.9</i></b> | <b><i>109.5</i></b> | <b><i>104.3</i></b>            |
| April                             | 108.0               | 111.6               | 110.6               | 104.7                          |
| May                               | 101.5               | 108.6               | 108.9               | 100.6                          |
| June                              | 96.2                | 110.4               | 108.7               | 100.2                          |
| <b><i>2nd quarter</i></b>         | <b><i>103.7</i></b> | <b><i>110.0</i></b> | <b><i>109.2</i></b> | <b><i>101.6</i></b>            |
| July                              | 98.0                | 106.9               | 97.8                | 98.0 <sup>1</sup>              |
| August                            | 99.8                | 104.7               | 97.2                | 98.0 <sup>1</sup>              |
| September                         | 100.9               | 104.7               | 96.2                | 94.5 <sup>1</sup>              |
| <b><i>3rd quarter</i></b>         | <b><i>99.5</i></b>  | <b><i>105.5</i></b> | <b><i>97.1</i></b>  | <b><i>96.9<sup>1</sup></i></b> |
| October                           | 100.7               | 105.8               | 94.8                | 96.6 <sup>2</sup>              |
| November                          | 100.2               | 105.3               | 96.3                | 98.1 <sup>2</sup>              |
| December                          | 99.1                | 103.6               | 95.0                | 95.2 <sup>2</sup>              |
| <b><i>4th quarter</i></b>         | <b><i>100.0</i></b> | <b><i>104.9</i></b> | <b><i>95.3</i></b>  | <b><i>96.6<sup>2</sup></i></b> |
| <b>Yearly average<sup>3</sup></b> | <b>100.0</b>        | <b>106.1</b>        | <b>102.5</b>        | <b>99.9</b>                    |
| <b><i>Annual change (%)</i></b>   | <b>7.1</b>          | <b>6.1</b>          | <b>-3.4</b>         | <b>-2.5</b>                    |

<sup>1</sup> Revised<sup>2</sup> Provisional<sup>3</sup> Using data for base period as weights, and not a simple average of the monthly indices

**Table 11 : Monthly Producer Price Index-Agriculture (PPI-A) : January 1994 - December 2010<sup>1</sup>***(Base period: Year 2007=100)*

| <b>Month</b>                      | <b>1994</b> | <b>1995</b> | <b>1996</b> | <b>1997</b> | <b>1998</b> | <b>1999</b> | <b>2000</b> | <b>2001</b> | <b>2002</b> | <b>2003</b> | <b>2004</b> | <b>2005</b> | <b>2006</b> | <b>2007</b>  | <b>2008</b>  | <b>2009</b>  | <b>2010</b>       |
|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|-------------------|
| <b>January</b>                    | 47.9        | 56.7        | 60.0        | 67.2        | 64.5        | 71.6        | 64.1        | 62.5        | 73.9        | 72.8        | 83.1        | 82.9        | 90.9        | 97.0         | 101.6        | 105.8        | 101.1             |
| <b>February</b>                   | 51.3        | 56.9        | 62.1        | 66.3        | 65.8        | 72.1        | 70.6        | 64.1        | 79.3        | 77.0        | 83.5        | 88.1        | 90.9        | 101.6        | 104.8        | 111.3        | 106.3             |
| <b>March</b>                      | 55.5        | 59.8        | 64.0        | 65.7        | 72.5        | 72.6        | 70.6        | 62.7        | 80.3        | 81.0        | 86.4        | 95.1        | 98.1        | 111.7        | 106.2        | 113.0        | 106.1             |
| <b>April</b>                      | 52.9        | 60.3        | 64.1        | 65.9        | 72.1        | 74.5        | 66.7        | 64.6        | 73.0        | 81.4        | 87.2        | 101.8       | 100.1       | 108.0        | 111.6        | 110.6        | 104.7             |
| <b>May</b>                        | 52.3        | 58.0        | 64.9        | 67.5        | 66.7        | 73.4        | 66.6        | 66.3        | 68.9        | 83.1        | 84.6        | 95.0        | 93.2        | 101.5        | 108.6        | 108.9        | 100.6             |
| <b>June</b>                       | 50.3        | 56.9        | 63.3        | 67.5        | 65.4        | 72.0        | 65.3        | 67.6        | 68.9        | 80.9        | 82.3        | 86.8        | 91.2        | 96.2         | 110.4        | 108.7        | 100.2             |
| <b>July</b>                       | 57.2        | 60.3        | 65.4        | 64.9        | 70.3        | 68.3        | 63.3        | 70.9        | 74.0        | 80.7        | 84.2        | 87.8        | 93.8        | 98.0         | 106.9        | 97.8         | 98.0 <sup>2</sup> |
| <b>August</b>                     | 57.3        | 60.9        | 64.2        | 64.6        | 70.7        | 68.3        | 64.1        | 69.7        | 74.7        | 79.2        | 83.6        | 87.5        | 95.8        | 99.8         | 104.7        | 97.2         | 98.0 <sup>2</sup> |
| <b>September</b>                  | 56.8        | 60.6        | 65.0        | 63.9        | 70.5        | 67.0        | 63.3        | 68.4        | 75.3        | 77.6        | 82.1        | 89.1        | 93.6        | 100.9        | 104.7        | 96.2         | 94.5 <sup>2</sup> |
| <b>October</b>                    | 56.8        | 60.0        | 65.3        | 63.3        | 70.6        | 67.0        | 62.1        | 69.1        | 75.7        | 77.3        | 82.7        | 91.8        | 92.5        | 100.7        | 105.8        | 94.8         | 96.6 <sup>3</sup> |
| <b>November</b>                   | 57.8        | 59.4        | 64.7        | 62.9        | 70.0        | 67.3        | 61.3        | 68.1        | 72.9        | 79.0        | 82.0        | 89.0        | 92.8        | 100.2        | 105.3        | 96.3         | 98.1 <sup>3</sup> |
| <b>December</b>                   | 57.4        | 59.7        | 65.4        | 63.3        | 70.5        | 66.9        | 61.1        | 70.1        | 74.0        | 78.7        | 80.9        | 89.3        | 93.2        | 99.1         | 103.6        | 95.0         | 95.2 <sup>3</sup> |
| <b>Yearly Average<sup>4</sup></b> | <b>54.1</b> | <b>58.7</b> | <b>63.8</b> | <b>64.9</b> | <b>68.7</b> | <b>69.5</b> | <b>64.5</b> | <b>67.3</b> | <b>73.6</b> | <b>78.7</b> | <b>83.0</b> | <b>89.6</b> | <b>93.3</b> | <b>100.0</b> | <b>106.1</b> | <b>102.5</b> | <b>99.9</b>       |
| <b>Annual change (%)</b>          | <b>16.1</b> | <b>8.4</b>  | <b>8.6</b>  | <b>1.8</b>  | <b>5.8</b>  | <b>1.2</b>  | <b>-7.2</b> | <b>4.3</b>  | <b>9.4</b>  | <b>6.9</b>  | <b>5.5</b>  | <b>8.0</b>  | <b>4.1</b>  | <b>7.1</b>   | <b>6.1</b>   | <b>-3.4</b>  | <b>-2.5</b>       |

<sup>1</sup> The indices for January 1993 to September 2009 previously based on 2002=100 have been converted to the new base 2007=100<sup>2</sup> Revised<sup>3</sup> Provisional<sup>4</sup> Using data for base period as weights, and not a simple average of the monthly indices

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

(Base period: Year 2007 =100)

**Table 12 : Weight distribution for the base period and its months by commodity group and product**

| Commodity Group                      | Weight         |                |                |                  |                  |                |                |                |                |                |                |                |                |
|--------------------------------------|----------------|----------------|----------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                                      | Year           | Jan            | Feb            | Mar              | Apr              | May            | June           | July           | Aug            | Sept           | Oct            | Nov            | Dec            |
| <b>Crop Products</b>                 | <b>755.9</b>   | <b>755.9</b>   | <b>755.9</b>   | <b>755.9</b>     | <b>755.9</b>     | <b>755.9</b>   | <b>755.9</b>   | <b>755.9</b>   | <b>755.9</b>   | <b>755.9</b>   | <b>755.9</b>   | <b>755.9</b>   | <b>755.9</b>   |
| <b>Sugar cane</b>                    | <b>570.5</b>   | <b>570.5</b>   | <b>570.5</b>   | <b>570.5</b>     | <b>570.5</b>     | <b>570.5</b>   | <b>570.5</b>   | <b>570.5</b>   | <b>570.5</b>   | <b>570.5</b>   | <b>570.5</b>   | <b>570.5</b>   | <b>570.5</b>   |
| <b>Other crop products</b>           | <b>185.4</b>   | <b>185.4</b>   | <b>185.4</b>   | <b>185.4</b>     | <b>185.4</b>     | <b>185.4</b>   | <b>185.4</b>   | <b>185.4</b>   | <b>185.4</b>   | <b>185.4</b>   | <b>185.4</b>   | <b>185.4</b>   | <b>185.4</b>   |
| <i>Root Crops</i>                    | <b>24.7</b>    | <b>24.7</b>    | <b>24.7</b>    | <b>24.7</b>      | <b>24.7</b>      | <b>24.7</b>    | <b>24.7</b>    | <b>24.7</b>    | <b>24.7</b>    | <b>24.7</b>    | <b>24.7</b>    | <b>24.7</b>    | <b>24.7</b>    |
| Potato                               | 22.4           | 18.1           | 0.0            | 0.0              | 0.0              | 0.0            | 7.2            | 22.6           | 23.4           | 23.6           | 22.8           | 23.7           | 23.3           |
| Other root crops                     | 2.3            | 6.6            | 24.7           | 24.7             | 24.7             | 24.7           | 17.5           | 2.1            | 1.3            | 1.1            | 1.9            | 1.0            | 1.4            |
| <i>Fruits</i>                        | <b>21.6</b>    | <b>21.6</b>    | <b>21.6</b>    | <b>21.6</b>      | <b>21.6</b>      | <b>21.6</b>    | <b>21.6</b>    | <b>21.6</b>    | <b>21.6</b>    | <b>21.6</b>    | <b>21.6</b>    | <b>21.6</b>    | <b>21.6</b>    |
| Banana                               | 7.1            | 5.4            | 8.0            | 10.0             | 9.9              | 10.4           | 10.0           | 10.6           | 10.7           | 9.7            | 9.3            | 5.9            | 3.3            |
| Pineapple                            | 8.4            | 5.0            | 9.5            | 11.3             | 11.3             | 10.5           | 10.0           | 9.7            | 9.5            | 9.2            | 7.6            | 5.3            | 3.4            |
| Other fruits                         | 6.1            | 11.2           | 4.1            | 0.3              | 0.4              | 0.7            | 1.7            | 1.3            | 1.3            | 2.7            | 4.7            | 10.5           | 14.9           |
| <i>Fresh vegetables</i>              | <b>119.3</b>   | <b>119.3</b>   | <b>119.3</b>   | <b>119.3</b>     | <b>119.3</b>     | <b>119.3</b>   | <b>119.3</b>   | <b>119.3</b>   | <b>119.3</b>   | <b>119.3</b>   | <b>119.3</b>   | <b>119.3</b>   | <b>119.3</b>   |
| Beans                                | 3.4            | 3.1            | 2.5            | 2.3              | 3.3              | 4.4            | 3.6            | 3.5            | 3.3            | 4.2            | 3.6            | 3.0            | 3.4            |
| Brinjal                              | 2.7            | 3.5            | 3.7            | 3.1              | 2.9              | 2.3            | 2.0            | 2.0            | 2.5            | 2.6            | 2.5            | 2.6            | 3.0            |
| Cabbage                              | 4.2            | 3.4            | 3.2            | 2.8              | 3.3              | 5.2            | 7.4            | 5.5            | 4.5            | 4.9            | 3.9            | 2.8            | 3.4            |
| Cauliflower                          | 2.6            | 0.3            | 0.1            | 0.0 <sup>1</sup> | 0.0 <sup>1</sup> | 1.4            | 4.3            | 7.6            | 6.1            | 4.6            | 2.0            | 0.8            | 5.0            |
| Carrot                               | 7.2            | 6.2            | 7.6            | 9.7              | 5.7              | 6.2            | 8.6            | 10.6           | 7.9            | 8.1            | 6.1            | 5.3            | 0.6            |
| Onion                                | 8.1            | 0.0            | 0.0            | 0.0              | 0.1              | 0.8            | 1.7            | 2.6            | 2.0            | 3.2            | 28.2           | 27.5           | 8.5            |
| Tomato                               | 30.1           | 36.7           | 36.1           | 28.1             | 23.5             | 27.9           | 30.5           | 28.1           | 28.8           | 29.1           | 24.9           | 29.6           | 35.6           |
| Creepers                             | 37.0           | 41.4           | 42.7           | 48.0             | 52.6             | 45.5           | 36.8           | 33.7           | 33.7           | 32.5           | 29.5           | 31.1           | 38.6           |
| Other fresh vegetables               | 24.0           | 24.9           | 23.3           | 25.4             | 27.8             | 25.7           | 24.3           | 25.8           | 30.4           | 30.2           | 18.6           | 16.5           | 21.2           |
| <i>Flowers, ornamental plants</i>    | <b>8.5</b>     | <b>8.5</b>     | <b>8.5</b>     | <b>8.5</b>       | <b>8.5</b>       | <b>8.5</b>     | <b>8.5</b>     | <b>8.5</b>     | <b>8.5</b>     | <b>8.5</b>     | <b>8.5</b>     | <b>8.5</b>     | <b>8.5</b>     |
| Anthurium                            | 5.1            | 5.1            | 5.1            | 5.1              | 5.1              | 5.1            | 5.1            | 5.1            | 5.1            | 5.1            | 5.1            | 5.1            | 5.1            |
| Rose                                 | 3.0            | 3.0            | 3.0            | 3.0              | 3.0              | 3.0            | 3.0            | 3.0            | 3.0            | 3.0            | 3.0            | 3.0            | 3.0            |
| Other flowers                        | 0.4            | 0.4            | 0.4            | 0.4              | 0.4              | 0.4            | 0.4            | 0.4            | 0.4            | 0.4            | 0.4            | 0.4            | 0.4            |
| <i>Tea</i>                           | <b>8.1</b>     | <b>8.1</b>     | <b>8.1</b>     | <b>8.1</b>       | <b>8.1</b>       | <b>8.1</b>     | <b>8.1</b>     | <b>8.1</b>     | <b>8.1</b>     | <b>8.1</b>     | <b>8.1</b>     | <b>8.1</b>     | <b>8.1</b>     |
| <i>Tobacco</i>                       | <b>3.2</b>     | <b>3.2</b>     | <b>3.2</b>     | <b>3.2</b>       | <b>3.2</b>       | <b>3.2</b>     | <b>3.2</b>     | <b>3.2</b>     | <b>3.2</b>     | <b>3.2</b>     | <b>3.2</b>     | <b>3.2</b>     | <b>3.2</b>     |
| <b>Animals &amp; Animal Products</b> | <b>244.1</b>   | <b>244.1</b>   | <b>244.1</b>   | <b>244.1</b>     | <b>244.1</b>     | <b>244.1</b>   | <b>244.1</b>   | <b>244.1</b>   | <b>244.1</b>   | <b>244.1</b>   | <b>244.1</b>   | <b>244.1</b>   | <b>244.1</b>   |
| Cattle                               | 2.0            | 2.0            | 2.0            | 2.0              | 2.0              | 2.0            | 2.0            | 2.0            | 2.0            | 2.0            | 2.0            | 2.0            | 2.0            |
| Pigs                                 | 3.2            | 3.2            | 3.2            | 3.2              | 3.2              | 3.2            | 3.2            | 3.2            | 3.2            | 3.2            | 3.2            | 3.2            | 3.2            |
| Goat                                 | 0.7            | 0.7            | 0.7            | 0.7              | 0.7              | 0.7            | 0.7            | 0.7            | 0.7            | 0.7            | 0.7            | 0.7            | 0.7            |
| Deer                                 | 4.9            | 4.9            | 4.9            | 4.9              | 4.9              | 4.9            | 4.9            | 4.9            | 4.9            | 4.9            | 4.9            | 4.9            | 4.9            |
| Poultry                              | 174.2          | 174.2          | 174.2          | 174.2            | 174.2            | 174.2          | 174.2          | 174.2          | 174.2          | 174.2          | 174.2          | 174.2          | 174.2          |
| Eggs                                 | 55.0           | 55.0           | 55.0           | 55.0             | 55.0             | 55.0           | 55.0           | 55.0           | 55.0           | 55.0           | 55.0           | 55.0           | 55.0           |
| Milk                                 | 4.1            | 4.1            | 4.1            | 4.1              | 4.1              | 4.1            | 4.1            | 4.1            | 4.1            | 4.1            | 4.1            | 4.1            | 4.1            |
| <b>Total</b>                         | <b>1,000.0</b> | <b>1,000.0</b> | <b>1,000.0</b> | <b>1,000.0</b>   | <b>1,000.0</b>   | <b>1,000.0</b> | <b>1,000.0</b> | <b>1,000.0</b> | <b>1,000.0</b> | <b>1,000.0</b> | <b>1,000.0</b> | <b>1,000.0</b> | <b>1,000.0</b> |

<sup>1</sup> Due to rounding

## **Producer Price Index – Agriculture (PPI-A) Methodology for the Construction of the PPI-A**

### **1. Introduction**

The analysis of price data implies comparison of current and past prices. Comparison over time is required to study the price movement in order to understand the history and to indicate future outlook. While price relatives of single commodities can be studied in isolation, general conclusion can only be derived from averages, covering a given set or class of commodities. The indicators of average price changes are the price indices.

### **2. Purpose of the agricultural price indices**

The purpose of the price indices is to provide information on trends in producer prices of agricultural products and purchase prices of the means of agricultural production.

The selling prices of agricultural products and the purchase of the means of production have a decisive influence on farmer's income. It would, therefore, seem useful to have indicators showing how agricultural revenue and expenditure are influenced by their price component.

The agricultural price indicators are of two types:-

- (i) Price received by farmers represent the producer prices of agricultural products (output prices)
- (ii) Prices paid by farmers are the purchase prices of agricultural requisites (input prices)

The two classes of prices mentioned above, are considered important in the context of economic analysis and agricultural policy decisions. Index numbers based on them show the average changes of these prices.

In the first instance, only the output price index for different groups of commodities has been compiled. Later on, an input price index will be constructed.

### **3. Uses of agricultural prices indices**

The construction of agricultural price index numbers may serve various purposes as shown below:-

- (i) Economic analysis, in particular the estimation of general price trends and their relationship with other pertinent variable, e.g the study of domestic price changes

in relation to prices observed in external markets or the movement of agricultural production.

- (ii) Monitoring the implementation of agricultural price policy decision such as the introduction or modification of support prices
- (iii) Forecasting price movements in connection with market studies or business cycle research.
- (iv) Compilation of national accounts at constant prices. In order to estimate the growth of the real product of the agricultural sector, deflator indices are needed. They are appropriately weighted indices of agricultural commodities or input items

#### **4. Definition of prices**

A price is a pure price when the same amount of money refers to what the buyer pays and what the seller receives. Since the price series form the basis for calculation, the index of the output prices must be representative of what the farmer actually receives.

The prices must be recorded at a point in the marketing of the product which is as close as possible to the farmer. This means that the selling prices should be recorded at the farm gate or (if this is not possible) at the next stage of the commodity flow.

#### **5. Price received by agricultural producers**

As mentioned earlier, the prices for the index should be farm-gate prices, but this is not possible in many cases. Hence, in lieu of the farm-gate price, the wholesale price of the produce is recorded at the two auction markets located in Vacoas and Port Louis.

As regards sugarcane, there is no actual market price for the product. The final price for a crop is only available after the crop year to which it refers. The solution has been found in such a way that every quarter an updated provisional price of sugar (obtained from Mauritius Sugar Syndicate) is used which, however, is corrected afterwards as soon as the final price is available. The same procedure is applied to tea and tobacco.

#### **6. Weighting Scheme and Choice of the base period**

As price data are associated with commercial transaction, it is logical to relate prices to sales rather than total production. However, since value of production for the market (sales) is not available here, the value of the total production is considered as a proxy in calculation of weights. Furthermore, since meteorological conditions and market forces may generate high fluctuations, the weight base is taken as the average of the total production for three years.

It may be noted that 'Food and Agriculture Organisation' and 'Eurostat' recommend that if the quantity weight base is the average of 3 years, then the reference base for prices should be the



middle year. The weights are derived by multiplying the average of production during the years 2006, 2007 and 2008 by the average of unit prices in 2007, 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.

## 7. Type of Index

The PPI will be calculated according to a modified Laspeyres formula:

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

Where:

- I<sub>t</sub>** is the index for the current period t
- P<sub>ti</sub>** is the price of commodity i in the current period t
- P<sub>oi</sub>** is the price of the commodity i in the reference period o (2007)
- W<sub>i</sub>** is the weight associated with commodity i

## 8. Commodity 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.

## 9. Observation Units

There are essentially three types of observation units for collecting producer prices: (i) producers (ii) purchasers and (iii) markets. However, in the context of Mauritius, different type of observation units are used for different commodities as shown below:

- (i) For main Commercial crops (sugarcane, tea leaf and tobacco leaf etc) the respective marketing agency is the source of the price data.
- (ii) For vegetables, price data are obtained mainly at the two auction markets which are situated at Vacoas and Port Louis respectively
- (iii) For fruits, prices are recorded from different sources such as planters and first middlemen
- (iv) For animals and animal products, price data are available at sources varying from marketing agencies to producers.

## **10. Frequency of Price Collection**

The frequency of price collection varies from weekly for some commodities to only once a year in others. Broadly speaking, the frequency of price collection is as follows:-

- (i) For vegetables, price data are collected once a week at the two auction markets
- (ii) For 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. For example Crop products – potato, onion. etc
- (iii) For the main Commercial crops like Sugarcane, tea leaf and tobacco leaf, the reported prices are normally fixed for the crop year by the respective marketing agency.
- (iv) For the remaining type of items not mentioned above, the price data are collected on a monthly basis.

## **11. Seasonality**

Prices and quantities of many agricultural commodities show seasonal variations. As vegetables and fruits are extremely seasonal products, it is therefore decided to use the method of variable baskets with fixed monthly weights in the base year.

There are 12 monthly baskets of representative products. The composition of these baskets varies each month. Certain products whose marketing period covers the whole year appear in all 12 monthly baskets, while others, which are more seasonal, appear only in some of them. However, the composition of the basket for a given month is fixed overtime.

## **12. Missing Prices**

There is also in the field of agricultural price observation the case of missing prices for a product which must be taken into account because there is an index weight for respective month. In these cases, the last observed price is carried forward as recommended by the Producer Price Index Manual of The International Monetary Fund.

## **13. Periodicity**

The index is calculated on a monthly, quarterly as well as on an annual basis. While quarterly and annual price indices can normally be calculated as the simple (unweighted) average of the monthly indices, it is recommended that the monthly sales figures for the base year be used as weights to calculate the quarterly and annual indices. If sales figures are not available, total production can be used as a proxy when most of the production is available for sales. Such is the case in Mauritius and the values of total production have been used as weights.