

Producer Price Index – Agriculture (PPI-A)

Second quarter 2009

(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.

In order to reflect changes in the production pattern of agricultural products, a new set of weights has been calculated with 2007 as base period, the previous one being 2002. Table 1 shows the previous and the new sets of weights.

PPI-A indices for the months of April, May and June 2009 as well as those for the period January 2006 to March 2009, based on the new weighting pattern and base period, are presented in this issue of the Economic and Social Indicators.

PPI-A indices are published for the first time at more detailed level in this issue of the Economic and Social Indicators.

Table 8 presents the monthly indices as well as the quarterly and yearly average for the agricultural sector. Comparative monthly indices for the agricultural sector are given in Table 9.

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

2. Producer Price Index - Agriculture: Second Quarter 2009

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 the sub-group, "Crop products" of which it constitutes 57.1% and 75.5% respectively.

The weight of "Crop products" (Table 1) has decreased from 825.8 in 2002 to 755.9 in 2007 while that of "Animals and animal products" has increased from 174.2 to 244.1. In the group "Crop products", the decrease in weight is mainly attributable to decreases in the weights of "Sugar cane" from 615.9 in 2002 to 570.5 in 2007 and that of "fresh vegetables" from 138.0 to 119.3. However, the increase in the weight of "Animals and animal products" is mainly due to increases in the weights of poultry from 111.3 in 2002 to 174.2 in 2007 and that of eggs from 45.2 to 55.0 respectively.

2.2 Changes in the monthly index

Fig 1: Overall monthly indices, July 2008 – June 2009

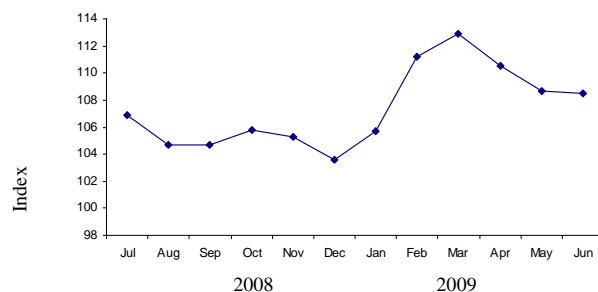


Figure 1 shows the monthly evolution of PPI-A for the period July 2008 to June 2009.

The PPI-A for the month of June worked out to 108.5 following decreases of 2.1%, 1.7% and 0.2% in April, May and June respectively. (Table 3)

The index for the sub-group "Crop products", which carries 75.6% of the total weight, receded by 4.3% in April, 2.7% in May and 0.3% in June respectively.

The index for "Sugar cane" for the period July 2008 to June 2009 has been revised from 93.1 to 95.5 in the light of the final price of sugar for the 2008 crop which is now available and it is assumed that the same price prevails during the whole of the crop year.

The index for "Other crop products" went down by 12.9% in April mainly due to decreases of 21.2%, 15.3% and 1.3% in the prices of fruits (banana and pineapple), fresh vegetables (beans, cabbage, tomato and creepers) and flowers and ornamental plants (anthurium) respectively. In May the index went down further by 8.7% largely due to declines of: (i) 10.3% in the prices of fresh vegetables (beans, brinjal, carrot, tomato, creepers and other fresh vegetables) and (ii) 13.3% in the prices of root crops and (iii) 1.3% in the prices of fruits (pineapple). In June, the index decreased by 1.2% mainly as a result of a drop of 7.9% in the prices of fresh vegetables (beans, cabbage, carrot and tomato).

The index for the sub-group "Animals and animal products" went up by 3.5% in April, due to increases in the prices of eggs (+15.4%) and poultry (+1.0%). In May, the index went up by 0.6% mainly due to an increase of 4.6% in the price of eggs. The increase of 0.2% in the index in June was explained by an increase of 1.2% in the prices of eggs and 1.8% in the prices of goat.

More details of changes on a month-to-month basis are given in Table 3 and changes over the corresponding month of the previous year in Table 4.

2.3 Changes in the quarterly index

Fig 2: Overall quarterly indices, 2nd quarter 2008 – 2nd quarter 2009

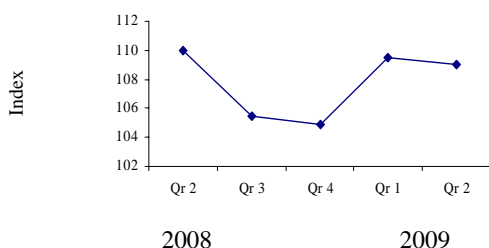


Figure 2 shows the movement of the index from 2nd quarter 2008 to 2nd quarter 2009.

Table 5 gives the evolution of the PPI-A on a quarterly basis. The overall index for the second quarter of 2009 shows decreases of 0.4% compared to the previous quarter and 0.9% over the corresponding quarter of 2008.

Percentage changes on a quarterly basis and the net contributions of commodity groups and products are given in Table 6.

2.4 Changes in the yearly index

Average prices producers received from the sale of agricultural products in the year 2008 were 6.1% higher compared to the previous year. The annual indices for the years 2006, 2007 and 2008, annual changes and the net contributions of commodity groups and products to the change are presented in Table 7.

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Table 1 :Weights by commodity group ,previous and new base periods

Commodity Group	Previous Weight	New Weight
	Base period: 2002	Base period: 2007
Crop Products	825.8	755.9
Sugar cane	615.9	570.5
Other crop products	209.9	185.4
<i>Root Crops</i>	20.2	24.7
Potato	18.5	22.4
Other root crops	1.7	2.3
<i>Fruits</i>	28.8	21.6
Banana	7.4	7.1
Pineapple	6.7	8.4
Other fruits	14.7	6.1
<i>Fresh vegetables</i>	138.0	119.3
Beans	5.5	3.4
Brinjal	4.1	2.7
Cabbage	8.0	4.2
Cauliflower	3.7	2.6
Carrot	12.1	7.2
Onion	8.4	8.1
Tomato	29.6	30.1
Creepers	41.6	37.0
Other fresh vegetables	25.0	24.0
<i>Flowers, ornamental plants</i>	11.5	8.5
Anthurium	8.6	5.1
Rose	2.9	3.0
Other flowers	0.0	0.4
<i>Tea</i>	7.3	8.1
<i>Tobacco</i>	4.1	3.2
Animals & Animal Products	174.2	244.1
Cattle	2.2	2.0
Pigs	4.6	3.2
Goat	1.3	0.7
Deer	5.8	4.9
Poultry	111.3	174.2
Eggs	45.2	55.0
Milk	3.8	4.1
Total	1,000.0	1,000.0

Monthly Producer Price Index -Agriculture (PPI-A)

(Base period:Year 2007=100)

Table 2 : Monthly indices by commodity group and product, January 2006 - June 2009

Commodity Group	Weight	2009					
		January	February	March	April	May	June
Crop Products	755.9	98.7	106.0	108.2	103.6	100.8	100.5
Sugar cane	570.5	95.5	95.5	95.5	95.5	95.5	95.5
Other crop products	185.4	108.6	138.5	147.4	128.4	117.2	115.8
<i>Root Crops</i>	24.7	119.1	91.2	92.9	98.8	85.7	112.8
Potato	22.4	124.5	124.5	124.5	124.5	124.5	124.5
Other root crops	2.3	104.2	91.2	92.9	98.8	85.7	107.9
<i>Fruits</i>	21.6	113.1	123.1	121.2	95.5	94.3	107.8
Banana	7.1	82.6	82.6	80.1	72.7	75.2	75.2
Pineapple	8.4	160.5	157.8	158.0	114.9	111.8	140.1
Other fruits	6.1	106.9	121.9	108.2	112.3	112.8	109.6
<i>Fresh vegetables</i>	119.3	105.5	155.9	169.6	143.6	128.8	118.6
Beans	3.4	141.6	193.0	213.4	157.7	128.7	123.9
Brinjal	2.7	76.5	81.9	55.3	145.3	131.9	249.2
Cabbage	4.2	120.7	229.1	198.2	157.1	166.0	143.5
Cauliflower	2.6	105.7	105.7	105.7	105.7	105.7	105.7
Carrot	7.2	187.9	340.0	308.0	306.1	181.6	133.2
Onion	8.1	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
Creepers	37.0	90.5	121.6	120.2	110.2	88.9	113.8
Other fresh vegetables	24.0	103.1	131.2	113.5	125.4	110.8	135.1
<i>Flowers, ornamental plants</i>	8.5	107.2	106.9	109.8	108.4	112.4	112.4
Anthurium	5.1	99.2	98.8	103.5	101.2	107.8	107.8 ¹
Rose	3.0	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
<i>Tea¹</i>	8.1	105.7	105.7	105.7	105.7	105.7	105.7
<i>Tobacco</i>	3.2	124.4	124.4	124.4	124.4¹	124.4¹	124.4¹
Animals & Animal Products	244.1	127.6	127.6	127.6	132.1	132.9	133.2
Cattle	2.0	106.5	106.5	106.5	106.5	106.5	106.5
Pigs	3.2	151.6	151.6	151.6	136.6	136.6	136.6
Goat	0.7	129.8	129.8	135.2	135.2	135.2	137.7
Deer	4.9	120.4	120.4	120.4	120.4	120.4	120.4
Poultry	174.2	133.6	133.6	133.6	135.0	134.3	134.3
Eggs	55.0	104.5	104.6	104.6	120.7	126.3	127.8
Milk	4.1	184.5	184.5	184.5	184.5	184.5	184.5
Overall Change	1,000.0	105.8	111.3	113.0	110.5	108.7	108.5

¹ Provisional

Monthly Producer Price Index -Agriculture (PPI-A)

(Base period: Year 2007 =100)

Table 2 (cont'd) : Monthly indices by commodity group and product, January 2006 - June 2009

Commodity Group	Weight	2008											
		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Crop Products	755.9	100.1	103.1	104.7	110.3	105.7	107.0	100.0	96.2	96.4	98.9	98.2	95.9
Sugar cane	570.5	102.0	102.0	102.0	102.0	102.0	102.0	95.5	95.5	95.5	95.5	95.5	95.5
Other crop products	185.4	94.3	106.7	112.9	136.0	117.1	122.5	113.7	98.2	99.0	109.5	106.5	97.1
<i>Root Crops</i>	24.7	99.2	83.4	94.0	106.8	89.6	112.5	123.4	123.9	124.4	123.6	123.5	123.2
Potato	22.4	103.4	103.4	103.4	103.0	103.0	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>	21.6	95.7	109.2	104.4	95.7	94.5	97.0	98.3	97.3	101.4	105.4	100.3	94.9
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>	119.3	91.4	111.3	119.8	154.0	128.2	131.3	115.2	91.3	91.5	106.9	103.3	89.8
Beans	3.4	113.1	155.3	178.4	221.0	146.0	117.0	94.0	88.0	102.0	135.0	75.0	75.0
Brinjal	2.7	83.7	58.5	91.4	304.0	194.0	279.0	200.0	249.0	257.0	291.0	128.0	82.0
Cabbage	4.2	147.0	162.1	209.8	225.0	232.0	150.0	83.0	44.0	61.0	59.0	85.0	95.0
Cauliflower	2.6	177.6	177.6	177.6	178.0	130.0	170.0	100.0	81.0	97.0	102.0	106.0	106.0
Carrot	7.2	100.1	147.6	133.0	241.0	139.0	113.0	152.0	62.0	69.0	74.0	136.0	137.0
Onion	8.1	116.5	116.5	116.5	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0
Tomato	30.1	67.9	123.0	180.1	181.0	145.0	132.0	96.0	44.0	33.0	52.0	87.0	91.0
Creepers	37.0	94.4	99.1	89.9	133.6	115.1	114.9	120.8	116.0	117.7	116.0	101.0	72.0
Other fresh vegetables	24.0	108.9	100.0	92.7	120.1	101.0	139.9	121.0	111.3	111.2	142.1	107.9	100.3
<i>Flowers, ornamental plants</i>	8.5	105.1	107.5	106.1	103.3	107.2	107.5	106.1	105.3	107.8	112.5	111.3	111.3
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>	8.1	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7
<i>Tobacco</i>	3.2	98.1	98.1	98.1	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4
Animals & Animal Products	244.1	106.1	109.9	110.8	115.4	117.4	120.8	128.3	131.1	130.6	127.2	127.1	127.3
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
Overall Change	1,000.0	101.6	104.8	106.2	111.6	108.6	110.4	106.9	104.7	104.7	105.8	105.3	103.6

Monthly Producer Price Index -Agriculture (PPI-A)

(Base period:Year 2007 =100)

Table 2 (cont'd) : Monthly indices by commodity group and product, January 2006 - June 2009

Commodity Group	Weight	2007											
		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Crop Products	755.9	96.6	102.7	116.0	110.4	101.8	94.3	96.1	99.8	101.3	100.9	100.5	99.0
Sugar cane	570.5	98.0	98.0	98.0	98.0	98.0	98.0	102.0	102.0	102.0	102.0	102.0	102.0
Other crop products	185.4	92.2	117.4	171.6	148.5	113.3	83.0	78.0	93.0	99.0	97.6	95.7	89.8
<i>Root Crops</i>	24.7	93.1	94.0	114.8	128.0	126.4	95.7	95.1	95.4	95.4	101.6	102.3	102.5
Potato	22.4	95.2	95.2	95.2	95.2	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>	21.6	90.9	90.4	84.8	98.8	89.1	95.9	109.2	116.1	110.6	123.0	100.9	99.7
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>	119.3	91.4	130.1	211.1	170.3	117.7	75.6	64.7	86.9	97.2	91.2	92.4	83.4
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	78.8	78.8	78.8	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>	8.5	96.2	101.4	100.7	100.0	99.8	101.2	101.4	99.3	99.4	103.1	98.8	98.8
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>	8.1	94.3	94.3	94.3	94.3	94.3	94.3	105.7	105.7	105.7	105.7	105.7	105.7
<i>Tobacco</i>	3.2	105.6	105.6	105.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
Animals & Animal Products	244.1	98.2	98.1	98.3	100.6	100.7	102.2	103.7	99.8	99.8	99.9	99.3	99.6
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
Overall Change	1,000.0	97.0	101.6	111.7	108.0	101.5	96.2	98.0	99.8	100.9	100.7	100.2	99.1

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(Base period: Year 2007 =100)

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Commodity Group	Weight	2006											
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Crop Products	755.9	93.2	93.4	101.7	104.1	96.3	92.9	96.1	98.4	95.5	94.1	92.9	93.1
Sugar cane	570.5	96.6	96.6	96.6	96.6	96.6	96.6	98.0	98.0	98.0	98.0	98.0	98.0
Other crop products	185.4	82.9	83.6	117.6	127.2	95.4	81.3	90.3	99.6	87.8	82.2	77.3	78.0
<i>Root Crops</i>	24.7	90.4	87.2	92.7	91.8	83.8	87.1	94.7	94.9	95.3	95.2	95.1	94.8
Potato	22.4	92.3	92.3	92.3	92.3	92.3	92.3	95.2	95.2	95.2	95.2	95.2	95.2
Other root crops	2.3	85.0	87.2	92.7	91.8	83.8	84.9	88.8	88.9	96.3	95.2	92.0	88.7
<i>Fruits</i>	21.6	95.6	112.8	94.7	80.6	79.9	81.4	94.6	97.8	98.6	107.3	98.1	71.9
Banana	7.1	82.9	82.9	76.9	78.9	80.9	80.9	77.9	77.9	77.9	79.9	79.9	79.9
Pineapple	8.4	181.1	153.3	110.4	81.0	76.7	77.6	112.3	119.7	119.5	148.0	117.5	94.7
Other fruits	6.1	64.1	76.7	99.4	109.9	112.8	107.2	98.6	100.1	101.6	95.4	98.4	65.0
<i>Fresh vegetables</i>	119.3	77.7	76.2	131.2	148.3	100.7	77.9	87.4	101.3	82.7	72.3	66.3	72.3
Beans	3.4	82.7	95.2	214.6	175.9	78.7	73.1	102.2	102.8	73.7	69.8	70.5	76.7
Brinjal	2.7	50.0	39.3	163.4	158.0	132.3	112.1	136.1	135.0	91.9	112.3	84.0	65.1
Cabbage	4.2	85.0	98.9	165.6	196.2	139.4	50.7	59.6	101.4	127.3	97.4	74.5	106.6
Cauliflower	2.6	91.8	91.8	91.8	91.8	91.8	105.7	100.3	78.8	81.3	64.2	64.2	64.2
Carrot	7.2	90.6	54.1	114.9	217.5	199.9	95.5	58.4	85.0	44.0	36.5	39.7	81.5
Onion	8.1	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
Tomato	30.1	58.2	69.9	153.0	272.2	112.2	68.1	50.2	99.1	63.9	27.9	36.8	54.0
Creepers	37.0	99.9	87.5	127.0	106.3	82.9	70.4	101.4	98.1	88.6	87.3	74.7	74.2
Other fresh vegetables	24.0	68.5	68.4	106.3	98.9	90.1	96.5	118.9	114.1	98.7	100.3	86.0	89.7
<i>Flowers, ornamental plants</i>	8.5	93.3	94.0	93.3	94.7	95.3	94.7	97.8	97.5	97.5	99.5	99.5	99.5
Anthurium	5.1	89.2	90.4	89.2	91.6	92.5	91.6	96.7	96.3	96.3	99.6	99.6	99.6
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	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
<i>Tea</i>	8.1	90.5	90.5	90.5	90.5	90.5	90.5	94.3	94.3	94.3	94.3	94.3	94.3
<i>Tobacco</i>	3.2	88.8	88.8	88.8	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6
Animals & Animal Products	244.1	83.6	83.2	86.8	87.8	83.4	86.0	86.7	87.9	87.8	87.3	92.5	93.6
Cattle	2.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
Pigs	3.2	77.5	79.1	79.4	86.6	86.6	86.6	91.9	93.4	93.4	100.3	101.9	101.9
Goat	0.7	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2
Deer	4.9	93.3	93.3	93.3	93.3	93.3	93.7	95.3	95.3	95.3	94.9	95.5	95.5
Poultry	174.2	81.9	80.9	86.3	88.1	82.1	85.0	83.6	83.6	83.6	83.5	90.9	92.1
Eggs	55.0	88.1	89.1	88.1	86.3	86.1	88.3	95.3	100.7	99.9	97.9	97.6	98.5
Milk	4.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
Overall Change	1,000.0	90.9	90.9	98.1	100.1	93.2	91.2	93.8	95.8	93.6	92.5	92.8	93.2

Monthly Producer Price Index -Agriculture (PPI-A)

(Base period:Year 2007=100)

Table 3 : Percentage changes from previous month by commodity group and product , July 2008 - June 2009

	Weight	Percentage changes from											
		June 08 to	July 08 to	Aug 08 to	Sept 08 to	Oct 08 to	Nov 08 to	Dec 08 to	Jan 09 to	Feb 09 to	Mar 09 to	Apr 09 to	May 09 to
		July 08	Aug 08	Sept 08	Oct 08	Nov 08	Dec 08	Jan 09	Feb 09	Mar 09	Apr 09	May 09	Jun 09
Crop Products	755.9	-6.6	-3.8	0.2	2.7	-0.7	-2.3	2.9	7.4	2.1	-4.3	-2.7	-0.3
Sugar cane	570.5	-6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other crop products	185.4	-7.2	-13.6	0.8	10.6	-2.7	-8.8	11.8	27.5	6.5	-12.9	-8.7	-1.2
<i>Root Crops</i>	24.7	9.7	0.4	0.4	-0.6	-0.1	-0.2	-3.3	-23.4	1.9	6.4	-13.3	31.6
Potato	22.4	21.4	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	0.0	0.0	0.0	0.0
Other root crops	2.3	-7.6	-3.3	6.2	-3.0	-16.9	6.2	10.4	-12.5	1.9	6.4	-13.3	25.9
<i>Fruits</i>	21.6	1.3	-1.0	4.2	3.9	-4.8	-5.4	19.2	8.8	-1.5	-21.2	-1.3	14.3
Banana	7.1	10.1	0.0	0.0	-1.2	0.0	0.0	-2.6	0.0	-3.0	-9.2	3.4	0.0
Pineapple	8.4	-3.0	-1.8	7.7	1.3	31.7	-44.3	82.8	-1.7	0.1	-27.3	-2.7	25.3
Other fruits	6.1	-1.7	0.0	0.7	22.0	-35.0	23.4	8.3	14.0	-11.2	3.8	0.4	-2.8
<i>Fresh vegetables</i>	119.3	-12.3	-20.7	0.2	16.8	-3.4	-13.1	17.5	47.8	8.8	-15.3	-10.3	-7.9
Beans	3.4	-19.7	-6.4	15.9	32.4	-44.4	0.0	88.8	36.3	10.6	-26.1	-18.4	-3.7
Brinjal	2.7	-28.3	24.5	3.2	13.2	-56.0	-35.9	-6.7	7.1	-32.5	162.7	-9.2	88.9
Cabbage	4.2	-44.7	-47.0	38.6	-3.3	44.1	11.8	27.1	89.8	-13.5	-20.7	5.7	-13.6
Cauliflower	2.6	-41.2	-19.0	19.8	5.2	3.9	0.0	-0.3	0.0	0.0	0.0	0.0	0.0
Carrot	7.2	34.5	-59.2	11.3	7.2	83.8	0.7	37.2	80.9	-9.4	-0.6	-40.7	-26.7
Onion	8.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	0.0	0.0	0.0	0.0
Tomato	30.1	-27.3	-54.2	-25.0	57.6	67.3	4.6	19.1	59.0	52.8	-25.5	-1.7	-51.3
Creepers	37.0	5.1	-4.0	1.5	-1.4	-12.9	-28.7	25.7	34.4	-1.2	-8.3	-19.3	28.0
Other fresh vegetables	24.0	-13.5	-8.0	-0.1	27.8	-24.1	-7.0	2.8	27.3	-13.5	10.5	-11.6	21.9
<i>Flowers, ornamental plants</i>	8.5	-1.3	-0.8	2.4	4.4	-1.1	0.0	-3.7	-0.3	2.7	-1.3	3.7	0.0
Anthurium	5.1	-2.4	-1.3	4.2	2.1	-1.9	0.0	-1.6	-0.4	4.8	-2.2	6.5	0.0
Rose	3.0	0.0	0.0	0.0	7.7	0.0	0.0	-7.1	0.0	0.0	0.0	0.0	0.0
Other flowers	0.4	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Tea</i>	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Tobacco</i>	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Animals & Animal Products	244.1	6.2	2.2	-0.4	-2.6	-0.1	0.2	0.2	0.0	0.0	3.5	0.6	0.2
Cattle	2.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pigs	3.2	39.3	0.0	0.0	5.8	0.0	0.0	2.6	0.0	0.0	-9.9	0.0	0.0
Goat	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	1.8
Deer	4.9	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Poultry	174.2	7.4	1.9	1.4	0.0	0.0	0.0	2.0	0.0	0.0	1.0	-0.5	0.0
Eggs	55.0	2.5	3.6	-5.6	-14.7	-0.5	0.8	-6.0	0.1	0.0	15.4	4.6	1.2
Milk	4.1	0.0	0.0	0.0	23.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Overall Change	1,000.0	-3.2	-2.0	0.0	1.1	-0.5	-1.6	2.1	5.2	1.5	-2.1	-1.7	-0.2

Monthly Producer Price Index -Agriculture (PPI-A)

(Base period:Year 2007=100)

Table 4 : Percentage changes from corresponding month of previous year by commodity group and product , July 2008 - June 2009

Commodity Group	Weight	Percentage changes from											
		Jul 07 to	Aug 07 to	Sept 07 to	Oct 07 to	Nov 07 to	Dec 07 to	Jan 08 to	Feb 08 to	Mar 08 to	Apr 08 to	May 08 to	Jun 08 to
		Jul 08	Aug 08	Sept 08	Oct 08	Nov 08	Dec 08	Jan 09	Feb 09	Mar 09	Apr 09	May 09	Jun 09
Crop Products	755.9	4.0	-3.6	-4.9	-2.0	-2.2	-3.1	-1.4	2.8	3.4	-6.1	-4.6	-6.1
Sugar cane	570.5	-6.4	-6.4	-6.4	-6.4	-6.4	-6.4	-6.4	-6.4	-6.4	-6.4	-6.4	-6.4
Other crop products	185.4	45.7	5.6	0.0	12.2	11.3	8.2	15.2	29.8	30.5	-5.5	0.1	-5.4
<i>Root Crops</i>	24.7	29.8	29.9	30.4	21.7	20.7	20.2	20.1	9.4	-1.2	-7.5	-4.4	0.3
Potato	22.4	31.6	31.6	31.6	21.4	21.4	21.4	20.4	20.4	20.4	20.9	20.9	20.9
Other root crops	2.3	11.2	0.8	6.4	27.5	3.5	0.0	18.7	9.4	-1.2	-7.5	-4.4	-7.2
<i>Fruits</i>	21.6	-10.0	-16.2	-8.3	-14.3	-0.6	-4.8	18.2	12.7	16.1	-0.2	-0.2	11.1
Banana	7.1	-18.2	-18.2	-19.7	-22.6	-22.6	-22.6	-1.4	3.4	4.2	-5.5	-3.5	-3.5
Pineapple	8.4	-3.2	-16.2	1.2	-12.1	51.3	-10.9	23.7	9.4	22.3	2.4	1.3	21.6
Other fruits	6.1	1.5	0.0	-2.1	-4.0	-15.4	0.9	23.7	43.6	23.4	14.4	9.3	7.7
<i>Fresh vegetables</i>	119.3	78.1	5.1	-5.9	17.2	11.8	7.7	15.4	40.1	41.6	-6.8	0.5	-9.7
Beans	3.4	-10.5	-24.1	17.2	101.5	25.0	-22.7	25.2	24.3	19.6	-28.6	-11.8	5.9
Brinjal	2.7	244.8	154.1	138.0	223.3	128.6	3.8	-8.6	40.0	-39.5	-52.2	-32.0	-10.7
Cabbage	4.2	45.6	-54.2	-29.9	3.5	46.6	9.2	-17.9	41.3	-5.5	-30.2	-28.4	-4.3
Cauliflower	2.6	2.0	15.7	54.0	-33.3	-40.4	-40.4	-40.5	-40.5	-40.5	-40.6	-18.7	-37.8
Carrot	7.2	192.3	-3.1	32.7	76.2	81.3	71.3	87.7	130.4	131.6	27.0	30.6	17.9
Onion	8.1	48.1	48.1	48.1	13.6	13.6	13.6	0.0	0.0	0.0	-0.4	-0.4	-0.4
Tomato	30.1	300.0	-25.4	-71.3	-40.2	-11.2	49.2	59.6	40.2	46.3	8.4	33.0	-28.9
Creepers	37.0	59.4	5.1	8.0	17.8	13.5	-24.1	-4.1	22.7	33.7	-17.5	-22.8	-1.0
Other fresh vegetables	24.0	41.7	21.5	25.6	59.5	20.0	13.6	-5.3	31.2	22.4	4.4	9.7	-3.4
<i>Flowers, ornamental plants</i>	8.5	4.6	6.0	8.5	9.1	12.7	12.7	2.0	-0.6	3.5	4.9	4.9	4.6
Anthurium	5.1	-4.5	-2.3	1.6	-2.3	2.9	2.9	3.2	-1.4	5.8	8.7	8.2	7.6
Rose	3.0	18.2	18.2	18.2	27.3	27.3	27.3	0.0	0.0	0.0	0.0	0.0	0.0
Other flowers	0.4	20.0	20.0	20.0	25.0	25.0	25.0	4.2	4.2	4.2	4.2	4.2	4.2
<i>Tea</i>	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Tobacco</i>	3.2	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	0.0	0.0	0.0
Animals & Animal Products	244.1	23.7	31.4	30.9	27.3	28.0	27.8	20.3	16.1	15.2	14.5	13.2	10.3
Cattle	2.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
Pigs	3.2	39.3	39.3	39.3	47.4	47.4	47.4	51.1	51.1	51.1	36.2	36.2	36.2
Goat	0.7	43.6	35.8	35.8	3.1	2.3	5.1	5.1	5.1	9.5	9.5	4.2	6.1
Deer	4.9	16.2	16.2	16.2	15.7	15.7	15.7	15.7	15.7	15.7	4.1	4.1	4.1
Poultry	174.2	23.8	25.6	26.6	26.6	26.6	26.6	22.7	16.8	16.6	15.8	15.2	13.7
Eggs	55.0	22.4	53.6	47.9	26.6	30.7	29.3	10.8	10.9	7.6	9.4	5.9	-1.4
Milk	4.1	41.7	41.7	41.7	75.0	75.0	75.0	23.5	23.5	23.5	23.5	23.5	23.5
Overall Change	1,000.0	9.1	4.9	3.8	5.1	5.1	4.5	4.1	6.2	6.4	-0.9	0.1	-1.7

Quarterly Producer Price Index -Agriculture (PPI-A)

(Base period:Year 2007=100)

Table 5: Quarterly indices ¹ by commodity group and product, 3rd Quarter 2007 - 2nd Quarter 2009

Commodity Group	Weight	2007		2008				2009	
		3rd Qr	4th Qr	1st Qr	2nd Qr	3rd Qr	4th Qr	1st Qr	2nd Qr
Crop Products	755.9	99.0	100.1	102.3	107.5	97.6	97.7	103.6	101.4
Sugar cane	570.5	102.0	102.0	102.0	102.0	95.5	95.5	95.5	95.5
Other crop products	185.4	89.8	94.1	103.2	124.2	103.9	104.5	128.5	119.4
<i>Root Crops</i>	24.7	95.3	102.1	95.5	106.7	124.0	123.5	108.5	103.3
Potato	22.4	95.0	103.0	103.4	103.0	125.0	125.0	124.5	124.5
Other root crops	2.3	101.2	87.0	89.2	107.1	107.1	98.9	95.7	99.8
<i>Fruits</i>	21.6	111.9	104.3	102.0	95.7	99.1	98.4	118.1	99.1
Banana	7.1	105.6	109.5	80.3	77.6	85.8	84.8	81.8	74.3
Pineapple	8.4	120.9	111.5	135.1	112.5	113.3	119.9	158.6	121.7
Other fruits	6.1	101.3	99.2	86.1	101.6	100.5	95.6	109.9	110.8
<i>Fresh vegetables</i>	119.3	82.6	89.3	104.8	135.6	99.7	100.5	137.7	127.8
Beans	3.4	101.4	74.0	139.3	149.3	95.3	97.6	172.1	132.7
Brinjal	2.7	89.9	74.6	75.9	259.5	237.6	164.7	74.2	181.3
Cabbage	4.2	78.2	66.5	165.0	184.0	64.4	77.6	173.9	151.9
Cauliflower	2.6	80.4	163.2	177.6	162.7	93.1	103.6	105.7	105.7
Carrot	7.2	55.4	63.6	126.7	144.4	101.4	112.2	277.5	179.3
Onion	8.1	79.0	103.0	116.5	117.0	117.0	117.0	116.5	116.5
Tomato	30.1	65.8	81.5	108.7	145.8	58.0	78.3	160.4	145.7
Creepers	37.0	97.8	94.0	94.9	120.3	118.2	95.4	108.7	104.4
Other fresh vegetables	24.0	88.6	89.1	102.1	122.3	114.3	117.2	114.9	124.8
<i>Flowers, ornamental plants</i>	8.5	100.0	100.2	106.2	106.0	106.4	111.7	108.0	111.1
Anthurium	5.1	100.1	100.4	98.0	97.6	98.3	101.4	100.5	105.6 ²
Rose	3.0	100.0	100.0	118.2	118.2	100.0	127.3	118.2	118.2
Other flowers	0.4	100.0	100.0	120.0	120.0	120.0	125.0	125.0	125.0
<i>Tea</i>	8.1	105.7	105.7	105.7	105.7	105.7	105.7	105.7 ²	105.7 ²
<i>Tobacco</i>	3.2	98.1	98.1	98.1	124.4	124.4	124.4	124.4	124.4 ²
Animals & Animal Products	244.1	101.1	99.6	108.9	117.9	130.0	127.2	127.6	132.7
Cattle	2.0	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	139.7	147.8	151.6	136.6
Goat	0.7	93.9	125.4	123.5	127.7	129.8	129.8	131.6	136.0
Deer	4.9	99.6	104.1	104.1	115.7	115.7	120.4	120.4	120.4
Poultry	174.2	102.9	103.5	112.6	117.1	129.0	131.0	133.6	134.5
Eggs	55.0	95.3	86.0	95.3	119.7	133.4	110.8	104.6	124.9
Milk	4.1	105.4	105.4	149.4	149.4	149.4	184.5	184.5	184.5
Overall Change	1,000.0	99.5	100.0	103.9	110.0	105.5	104.9	109.5	109.0

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

² Provisional

Quarterly Producer Price Index -Agriculture (PPI-A)

(Base period:Year 2007=100)

Table 6: Quarterly changes (%) and net contributions of commodity group and product to the change, 2nd Quarter 2008 - 2nd Quarter 2009

Commodity Group	Weight	Percentage changes from previous quarter				Percentage changes from corresponding quarter of previous year				Net contributions from			
		2nd Qr 08	3rd Qr 08	4th Qr 08	1st Qr 09	3rd Qr 07	4th Qr 07	1st Qr 08	2nd Qr 08	2nd Qr 08	3rd Qr 08	4th Qr 08	1st Qr 09
		to 3rd Qr 08	to 4th Qr 08	to 1st Qr 09	to 2nd Qr 09	to 3rd Qr 08	to 4th Qr 08	to 1st Qr 09	to 2nd Qr 09	to 3rd Qr 08	to 4th Qr 08	to 1st Qr 09	to 2nd Qr 09
Crop Products	755.9	-9.2	0.2	6.0	-2.2	-1.5	-2.4	1.3	-5.7	-7.36	-0.08	4.87	-1.31
Sugar cane	570.5	-6.4	0.0	0.0	0.0	-6.4	-6.4	-6.4	-6.4	-3.71	0.00	0.00	0.00
Other crop products	185.4	-16.4	0.6	23.0	-7.1	15.7	11.0	24.5	-3.9	-3.65	-0.08	4.87	-1.31
<i>Root Crops</i>	24.7	16.2	-0.4	-12.1	-4.8	30.1	21.0	13.6	-3.2	0.43	-0.01	-0.37	-0.13
Potato	22.4	21.4	0.0	-0.4	0.0	31.6	21.4	20.4	20.9	0.49	-0.02	-0.02	0.01
Other root crops	2.3	0.0	-7.7	-3.2	4.3	5.8	13.7	7.3	-6.8	0.00	-0.02	-0.01	0.01
<i>Fruits</i>	21.6	3.6	-0.7	20.0	-16.1	-11.4	-5.7	15.8	3.6	0.06	0.02	0.40	-0.35
Banana	7.1	10.6	-1.2	-3.5	-9.2	-18.8	-22.6	1.9	-4.3	0.06	-0.01	-0.02	-0.05
Pineapple	8.4	0.7	5.8	32.3	-23.3	-6.3	7.5	17.4	8.2	0.01	0.06	0.33	-0.31
Other fruits	6.1	-1.1	-4.9	15.0	0.8	-0.8	-3.6	27.6	9.1	-0.01	-0.03	0.09	0.01
<i>Fresh vegetables</i>	119.3	-26.5	0.8	37.0	-7.2	20.7	12.5	31.4	-5.8	-4.15	-0.02	4.52	-1.00
Beans	3.4	-36.2	2.4	76.3	-22.9	-6.0	31.9	23.5	-11.1	-0.18	0.01	0.25	-0.13
Brinjal	2.7	-8.4	-30.7	-54.9	144.3	164.3	120.8	-2.2	-30.1	-0.06	-0.20	-0.24	0.29
Cabbage	4.2	-65.0	20.5	124.1	-12.7	-17.6	16.7	5.4	-17.4	-0.51	0.06	0.41	-0.09
Cauliflower	2.6	-42.8	11.3	2.0	0.0	15.8	-36.5	-40.5	-35.0	-0.18	0.03	0.01	0.00
Carrot	7.2	-29.8	10.7	147.3	-35.4	83.0	76.4	119.0	24.2	-0.31	0.08	1.19	-0.71
Onion	8.1	0.0	0.0	-0.4	0.0	48.1	13.6	0.0	-0.4	0.00	0.00	0.00	0.00
Tomato	30.1	-60.2	35.0	104.9	-9.2	-11.9	-3.9	47.6	-0.1	-2.64	0.61	2.47	-0.44
Creepers	37.0	-1.7	-19.3	13.9	-4.0	20.9	1.5	14.5	-13.2	-0.08	-0.84	0.49	-0.16
Other fresh vegetables	24.0	-6.5	2.5	-2.0	8.6	29.0	31.5	12.5	2.0	-0.19	0.07	-0.06	0.24
<i>Flowers, ornamental plants</i>	8.5	0.4	5.0	-3.3	2.9	6.4	11.5	1.7	4.8	-0.05	0.10	-0.03	0.03
Anthurium	5.1	0.7	3.2	-0.9	5.1	-1.8	1.0	2.6	8.2	0.00	0.02	0.00	0.03
Rose	3.0	-15.4	27.3	-7.1	0.0	0.0	27.3	0.0	0.0	-0.05	0.08	-0.03	0.00
Other flowers	0.4	0.0	4.2	0.0	0.0	20.0	25.0	4.2	4.2	0.00	0.00	0.00	0.00
<i>Tea</i>	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
<i>Tobacco</i>	3.2	0.0	0.0	0.0	0.0	26.8	26.8	26.8	0.0	0.00	0.00	0.00	0.00
Animals & Animal Products	244.1	10.3	-2.2	0.3	4.0	28.6	27.7	17.2	12.6	2.95	-0.69	0.12	1.23
Cattle	2.0	0.0	6.5	0.0	0.0	0.0	6.5	6.5	6.5	0.00	0.01	0.00	0.00
Pigs	3.2	39.3	5.8	2.6	-9.9	39.3	47.4	51.1	36.2	0.13	0.03	0.01	-0.05
Goat	0.7	1.6	0.0	1.4	3.3	38.2	3.5	6.6	6.5	0.00	0.00	0.00	0.00
Deer	4.9	0.0	4.1	0.0	0.0	16.2	15.7	15.7	4.1	0.00	0.02	0.00	0.00
Poultry	174.2	10.2	1.6	2.0	0.7	25.4	26.6	18.7	14.9	2.07	0.35	0.45	0.16
Eggs	55.0	11.4	-16.9	-5.6	19.4	40.0	28.8	9.8	4.3	0.75	-1.24	-0.34	1.12
Milk	4.1	0.0	23.5	0.0	0.0	41.7	75.0	23.5	23.5	0.00	0.14	0.00	0.00
Overall Change	1,000.0	-4.1	-0.5	4.3	-0.4	6.0	5.0	5.3	-0.9	-4.41	-0.77	4.99	-0.08

Annual Producer Price Index -Agriculture (PPI-A)

(Base period:Year 2007=100)

Table 7 : Annual indices, annual changes (%) and net contributions of commodity group and product to the change, 2006 - 2008

Commodity Group	Weight	Annual index ¹			Percentage changes from		Net contributions from	
		2006	2007	2008	2006 to 2007	2007 to 2008	2006 to 2007	2007 to 2008
Crop Products	755.9	95.3	100.0	101.3	4.9	1.3	3.55	0.97
Sugar cane	570.5	97.3	100.0	98.8	2.8	-1.2	1.54	-0.68
Other crop products	185.4	89.3	100.0	109.0	12.0	9.0	2.01	1.65
Root Crops	24.7	94.3	100.0	122.4	6.1	22.4	0.14	0.55
Potato	22.4	95.1	100.0	124.6	5.2	24.6	0.11	0.55
Other root crops	2.3	86.2	100.0	101.2	16.0	1.2	0.03	0.00
Fruits	21.6	92.7	100.0	100.4	7.9	0.4	0.16	0.00
Banana	7.1	79.8	100.0	82.1	25.3	-17.9	0.14	-0.13
Pineapple	8.4	115.8	100.0	120.8	-13.6	20.8	-0.13	0.17
Other fruits	6.1	75.7	100.0	93.6	32.1	-6.4	0.15	-0.04
Fresh vegetables	119.3	86.6	100.0	107.8	15.5	7.8	1.62	0.93
Beans	3.4	89.7	100.0	114.4	11.5	14.4	0.03	0.05
Brinjal	2.7	97.8	100.0	175.7	2.2	75.7	0.01	0.20
Cabbage	4.2	96.2	100.0	113.4	4.0	13.4	0.02	0.06
Cauliflower	2.6	87.7	100.0	107.6	14.0	7.6	0.03	0.02
Carrot	7.2	79.6	100.0	117.4	25.6	17.4	0.15	0.13
Onion	8.1	78.8	100.0	117.0	26.9	17.0	0.17	0.14
Tomato	30.1	72.2	100.0	91.5	38.5	-8.5	0.84	-0.26
Creepers	37.0	90.1	100.0	106.7	11.0	6.7	0.37	0.25
Other fresh vegetables	24.0	100.0	100.0	114.1	0.0	14.1	0.00	0.34
Flowers, ornamental plants	8.5	96.4	100.0	107.6	3.7	7.6	0.03	0.06
Anthurium	5.1	94.4	100.0	98.9	5.9	-1.1	0.03	-0.01
Rose	3.0	100.0	100.0	120.5	0.0	20.5	0.00	0.06
Other flowers	0.4	95.0	100.0	121.3	5.3	21.3	0.00	0.01
Tea	8.1	92.4	100.0	105.7	8.2	5.7	0.06	0.05
Tobacco	3.2	101.4	100.0	117.8	-1.4	17.8	0.00	0.06
Animals & Animal Products	244.1	87.2	100.0	121.0	14.7	21.0	3.12	5.11
Cattle	2.0	92.0	100.0	102.0	8.7	2.0	0.02	0.00
Pigs	3.2	90.0	100.0	122.0	11.1	22.0	0.03	0.07
Goat	0.7	101.0	100.0	128.0	-1.0	28.0	0.00	0.02
Deer	4.9	94.0	100.0	114.0	6.4	14.0	0.03	0.07
Poultry	174.2	85.1	100.0	122.4	17.5	22.4	2.59	3.90
Eggs	55.0	93.0	100.0	114.8	7.5	14.8	0.38	0.81
Milk	4.1	83.5	100.0	158.2	19.8	58.2	0.07	0.24
Overall Change	1,000.0	93.3	100.0	106.1	7.1	6.1	6.67	6.08

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

Table 8: Monthly indices for the Agricultural Sector, January 2007 - June 2009
(Base period: Year 2007=100)

Month	2007	2008	2009
January	97.0	101.6	105.8
February	101.6	104.8	111.3
March	111.7	106.2	113.0
<i>1st quarter</i>	<i>103.2</i>	<i>103.9</i>	<i>109.5</i>
April	108.0	111.6	110.5 ¹
May	101.5	108.6	108.7 ¹
June	96.2	110.4	108.5 ¹
<i>2nd quarter</i>	<i>103.7</i>	<i>110.0</i>	<i>109.0</i> ¹
July	98.0	106.9	
August	99.8	104.7	
September	100.9	104.7	
<i>3rd quarter</i>	<i>99.5</i>	<i>105.5</i>	
October	100.7	105.8	
November	100.2	105.3	
December	99.1	103.6	
<i>4th quarter</i>	<i>100.0</i>	<i>104.9</i>	
Yearly average ²	100.0	106.1	
<i>Annual change (%)</i>	7.1	6.1	

¹ Provisional

² Using data for base period as weights, and not a simple average of the monthly indices

Table 9: Monthly indices for the Agricultural Sector, January 1993 - June 2009¹

(Base period: Year 2007=100)

Month	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
January	45.1	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
February	45.7	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
March	47.5	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
April	44.6	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	110.5
May	43.6	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	108.7
June	43.8	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	108.5
July	48.3	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	
August	48.8	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	
September	49.2	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	
October	48.4	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	
November	48.4	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	
December	47.8	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	
Yearly Average ²	46.6	54.1	58.7	63.8	64.9	68.7	69.5	64.5	67.3	73.6	78.7	83.0	89.6	93.3	100.0	106.1	
Annual change (%)		16.1	8.4	8.6	1.8	5.8	1.2	-7.2	4.3	9.4	6.9	5.5	8.0	4.1	7.1	6.1	

¹ The indices for January 1993 to June 2009 previously based on 2002=100 have been converted to the new base 2007=100

² Using data for base period as weights, and not a simple average of the monthly indices

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 'FAO' 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_t** is the index for the current period t
- P_{ti}** is the price of commodity i in the current period t
- P_{oi}** is the price of the commodity i in the reference period o (2007)
- W_i** 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 such a case, it is recommended that a fictitious price be used; which is the last observed price.

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.