

Released July 31, 2003, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Agricultural Prices" see page 72, office hours 7:30 a.m. to 3:30 p.m. ET.

## July Farm Prices Received Index Down From Last Month

The preliminary All Farm Products Index of Prices Received by Farmers in July is 104, based on 1990-92=100, down 3 points (2.8 percent) from the June Index. Since last month all commodity group indexes are unchanged or lower except cotton, fruit and nuts, and dairy. Lower prices for lettuce, corn, hogs, and wheat more than offset higher prices for dairy, cantaloup, asparagus, and broccoli. The seasonal change in the mix of commodities farmers sell, based on the past 3-year average, also affects the overall index. Decreased average marketings of dairy, cantaloup, asparagus, and strawberries offset increased marketings of wheat, grapes, hay, and peaches.

This preliminary All Farm Products Index is up 5 points (5.1 percent) from July 2002. Higher prices for cattle, broilers, eggs, and soybeans more than offset lower prices for wheat, sweet corn, potatoes, and turkeys.

The Food Commodities Index also declined 3 points (2.8 percent) below last month to 104, but is 7 points (7.2 percent) above July last year.

## Prices Paid Index Down 1 Point

The July Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 127 percent of the 1990-92 average. The index is down 1 point from June but 4 points (3.3 percent) above July 2002. Lower prices in July for feed grains, feeder pigs, nitrogen fertilizers, and hay and forages offset higher prices for feeder cattle, LP gas, feed supplements, and gasoline.

**Index Summary Table**

Index 1990-92=100	2002		2003	
	Jun	Jul	Jun	Jul
Prices Received	97	99	107	104
Prices Paid	123	123	128	127
Ratio <sup>1</sup>	79	80	84	82

<sup>1</sup> Ratio of index of prices received by farmers to index of prices paid.

## Prices Received by Farmers

The July All Farm Products Index is 104 percent of its 1990-92 base, down 2.8 percent from the June index but 5.1 percent above the July 2002 index.

**ALL CROPS:** The July index is 108, down 7.7 percent from June and 0.9 percent below July 2002. Price decreases for commercial vegetables, feed grains and hay, oil-bearing crops, food grains, and potatoes and dry beans more than offset price increases for cotton and fruit and nuts.

**Food Grains:** The July index, at 97, is down 4.0 percent from the previous month and 7.6 percent below July 2002. The July all wheat price, at \$2.93 per bushel, is down 14 cents from June and 28 cents below July 2002.

**Feed Grains & Hay:** The July index is 100, down 8.3 percent from last month and 2.9 percent below July 2002. The corn price, at \$2.09 per bushel, is down 25 cents from June and 4 cents below the July 2002 price. The all hay price, at \$89.00 per ton, is down \$5.60 from last month and \$4.60 below July 2002.

**Oil-Bearing Crops:** The July index, at 104, is down 4.6 percent from June but 8.3 percent above July 2002. The soybean price, at \$5.84 per bushel, decreased 25 cents from June but is 49 cents above July 2002.

**Potatoes & Dry Beans:** The July index, at 105, is 1.9 percent below last month and 38 percent less than July 2002. The all potato price, at \$6.30 per cwt, is down 17 cents from the previous month and \$4.10 below last July. The dry edible bean price, at \$17.50 per cwt, is \$2.10 above last month but \$7.00 below July 2002.

**Cotton:** The July index, at 77, is up 2.7 percent from June and 33 percent above July 2002. The July price, at 46.9 cents per pound, is up 1.6 cents from the previous month and 11.6 cents above last July.

**Fruit & Nuts:** The July fruit and nuts index, at 122, is up 2.5 percent from the previous month and 4.3 percent above July 2002. Increases in the July prices of strawberries, pears, and lemons more than offset price declines in grapes, peaches, and apples.

**Commercial Vegetables:** The July index, at 121, is down 21 percent from last month but 3.4 percent above July 2002. Price decreases during July for lettuce, onions, tomatoes, snap beans, and cauliflower more than offset price increases for cantaloup, asparagus, broccoli, celery, cucumbers, and sweet corn.

**LIVESTOCK & PRODUCTS:** The July index, at 100, is up 1.0 percent from last month and 14 percent from July 2002. Compared with a year ago, prices are higher for all cattle, broilers, all milk, eggs, hogs, calves, but lower for turkeys.

**Meat Animals:** The July index, at 99, is down 2.0 percent from last month but up 14 percent from last year. The July hog price of \$42.00 per cwt is down \$3.00 from June but up \$2.80 from a year ago. The July beef cattle price of \$74.30 is down 60 cents from last month but up \$10.60 from July 2002.

**Dairy Products:** The July index, at 90, is up 5.9 percent from both June and July 2002. The July all milk price of \$11.80 per cwt is up 70 cents from both last month and July 2002. The fluid grade milk price is up 70 cents and the manufactured grade milk price is up \$1.20 from the previous month.

**Poultry & Eggs:** The July index, at 109, is unchanged from last month but up 16 percent from a year ago. July market egg prices, at 52.4 cents per dozen, increased 2.5 cents from June due to strong demand from fresh and breaker markets. Strong summer demand and steady supplies held the July broiler price at 36.0 cents per pound, the same as June. The July turkey price, at 33.1 cents per pound, is down 1.3 cents from last month.

## Table of Contents

<b>U.S. Prices Received and Indexes</b>	<b>Page</b>	<b>Monthly State Prices, continued</b>	<b>Page</b>
Narrative .....	2	Cotton .....	19
Price Indexes .....	5	Cottonseed .....	19
Price Index Charts .....	6-9	Eggs .....	24
U.S. Prices Received Summary .....	10-11	Flaxseed .....	18
Charts .....	12-15	Fruit, Citrus .....	20
Selected Commodities .....	16	Hay .....	19
Upland Cotton & Rice Marketings .....	19	Hogs, All .....	23
Parity Prices .....	26-27	Barrows and Gilts .....	23
Reliability Statement .....	44	Sows .....	23
<b>Monthly State Prices Received</b>		Milk .....	25
Apples .....	19	Oats .....	17
Barley .....	17	Peanuts .....	18
Beans, Dry Edible .....	18	Potatoes .....	21
Beef Cattle, All .....	22	Sheep .....	24
Calves .....	22	Lambs .....	24
Cows, Beef .....	22	Sorghum, Grain .....	17
Milk Cows .....	25	Soybeans .....	17
Steers and Heifers .....	22	Sunflowers .....	18
Corn .....	17	Tobacco .....	18
		Wheat, All Classes .....	16
<b>Prices Received Special Features</b>			<b>Page</b>
<b>Apples, For Fresh Use:</b> Prices Received July 2000 - June 2003, by State and July 1998 - June 2003 by U.S. ....			28
<b>Grapes, For Fresh Use:</b> Prices Received May 1997 - December, 2002 by U.S. ....			28
<b>Cranberries:</b> Marketing Year Average Prices by State and U.S., 2000-2002 .....			29
<b>Pears, For Fresh Use:</b> Prices Received July 1997 - June 2003, by U.S. ....			29
<b>Peaches, For Fresh Use:</b> Prices Received July 1997 - June 2003, by U.S. ....			29
<b>Onions, For Fresh Use:</b> Revised Monthly Prices by State and U.S., 2000-2002 .....			30-33
<b>Sugarbeets and Sugarcane:</b> Preliminary Marketing Year Average Price and Value of Production, U.S., 2002 .....			34
<b>Seasonal Adjustment Factors</b> for Eggs and Milk .....			34
<b>Index Revisions:</b> U.S., All Groups, Monthly and Annual Average, 1999-2002 .....			36-43
<b>Monthly Prices Received, Monthly Farm Marketing Percentages, and Marketing Year Average Prices, United States, 2000-2001 through 2002-2003</b>			
Feed Barley .....			35
Malting Barley .....			35

**Note:** NASS adjusted its Marketing Year Average (MYA) Price publication schedule to accommodate the 2002 Farm Security and Rural Investment Act. Final U.S. MYA prices for all commodities will be published as soon as possible after the end of the U.S. marketing year for each crop. Final State MYA prices for each crop will be published after the marketing year for all States is complete. For barley, final State MYA prices will be published in the August 29th *Agricultural Prices* report.

## Table of Contents (continued)

<b>U.S. Prices Paid, Prices Paid Indexes and Ratios</b>	<b>Page</b>
Narrative .....	45
Indexes and Parity Ratios .....	46-47
Charts .....	48-50
Feed Price Ratios .....	51
Reliability Statement .....	71
<b>U.S. Average Prices</b>	
Commodity Prices Used in Feed Price Ratios .....	51
Feeder Livestock .....	51
<b>Special Features</b>	
Index of Prices Paid: 1910-14=100 and 1990-92=100 Monthly and Annual Average, United States, 1999-2003 .....	52-69
PPITW, PITW, Production Items .....	52-53
Index Component Items, Interest, Taxes, Wage Rates, Farm and Non Farm Origin .....	53-60
Ratios .....	61
Crop Sector, Livestock Sector, and PPITW adjusted for Productivity .....	62
Index Sub-Components (1990-92=100): Monthly and Annual Averages .....	63-70
<b>Information Contacts</b> .....	72

**Index Numbers of Prices Received, United States,  
July 2003, with Comparisons**

Index	1910-14=100				1990-92=100		
	Average 1990-92	2002	2003		2002	2003	
		Jul	Jun	Jul	Jul	Jun	Jul
All Farm Products	639	626	*683	659	99	*107	104
All Crops	500	537	*578	533	109	*117	108
Food Grains	325	333	321	308	105	101	97
Feed Grains & Hay	363	367	*390	357	103	109	100
Cotton	517	298	*383	396	58	*75	77
Tobacco <sup>1</sup>	1,263	1,617			107		
Oil-Bearing Crops	554	528	*597	570	96	*109	104
Fruits & Nuts	716	820	*830	850	117	*119	122
Commercial Vegetables	698	779	*1,021	809	117	*153	121
Potatoes & Dry Beans	540	856	*539	533	169	*107	105
Other Crops	493	558	567	567	113	115	115
Livestock & Products	768	678	*760	765	88	99	100
Meat Animals	1,021	882	*1,028	1,008	87	*101	99
Dairy Products	799	682	682	725	85	85	90
Poultry & Eggs	282	265	307	307	94	109	109
Food Commodities					97	*107	104

\* Revised.

<sup>1</sup> Missing data indicate insufficient sales to establish a price.

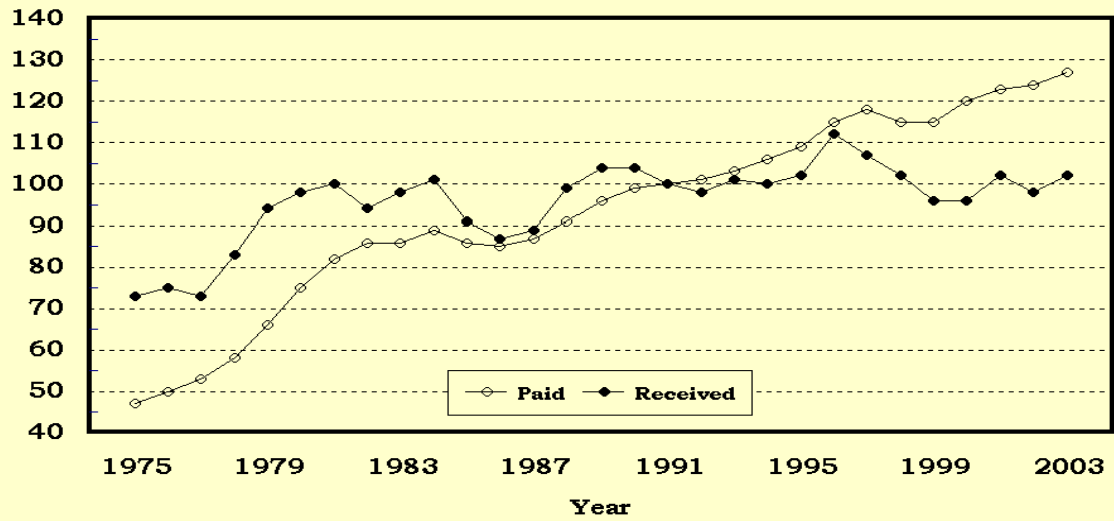
**Selected Index Numbers for Prices Received and Paid,  
1990-92=100, by Months, United States, 2002 and 2003**

Month	Index of Prices Received						Index of Prices Paid			
	All Farm Products		All Crops		Livestock and Products		All Items		Production Items	
	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003
Jan	95	100	93	103	96	96	122	126	117	122
Feb	98	99	101	104	96	95	122	127	117	123
Mar	105	99	117	106	94	93	123	128	118	124
Apr	94	101	100	111	89	94	123	128	118	123
May	96	106	104	117	89	97	123	127	118	123
Jun	97	107	104	117	90	99	123	128	118	123
Jul	99	104	109	108	88	100	123	127	119	123
Aug	100		113		87		124		120	
Sep	98		109		85		125		121	
Oct	95		101		87		125		121	
Nov	97		103		89		125		120	
Dec	100		107		91		125		121	

## Prices Received vs Prices Paid

Annual Average Indexes\*

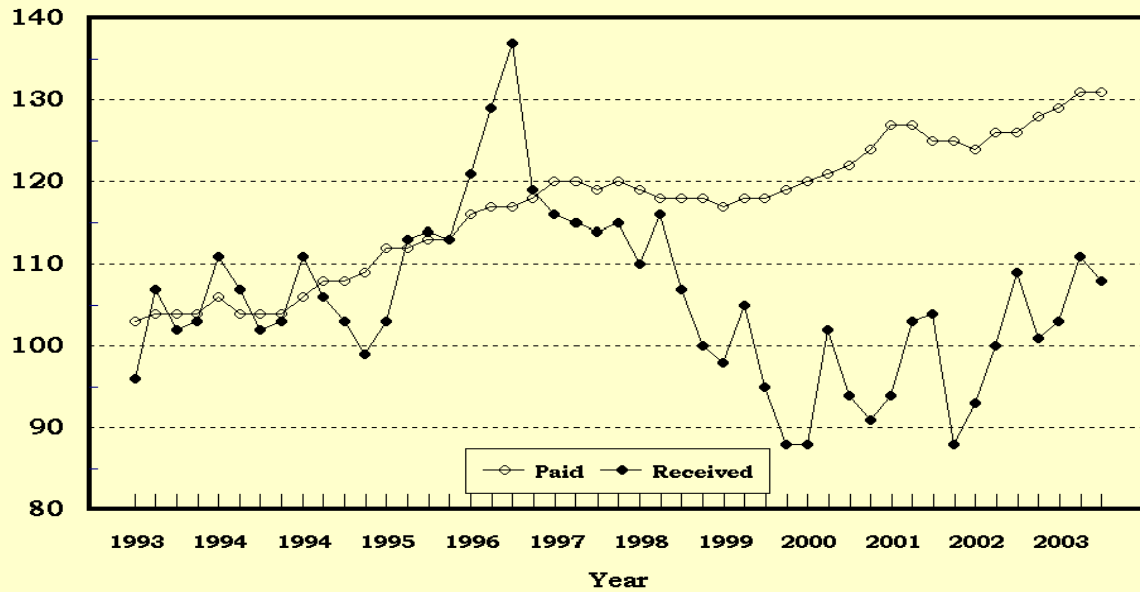
Index Values (1990-92=100)



\* Index values for 2003 are year-to-date averages.

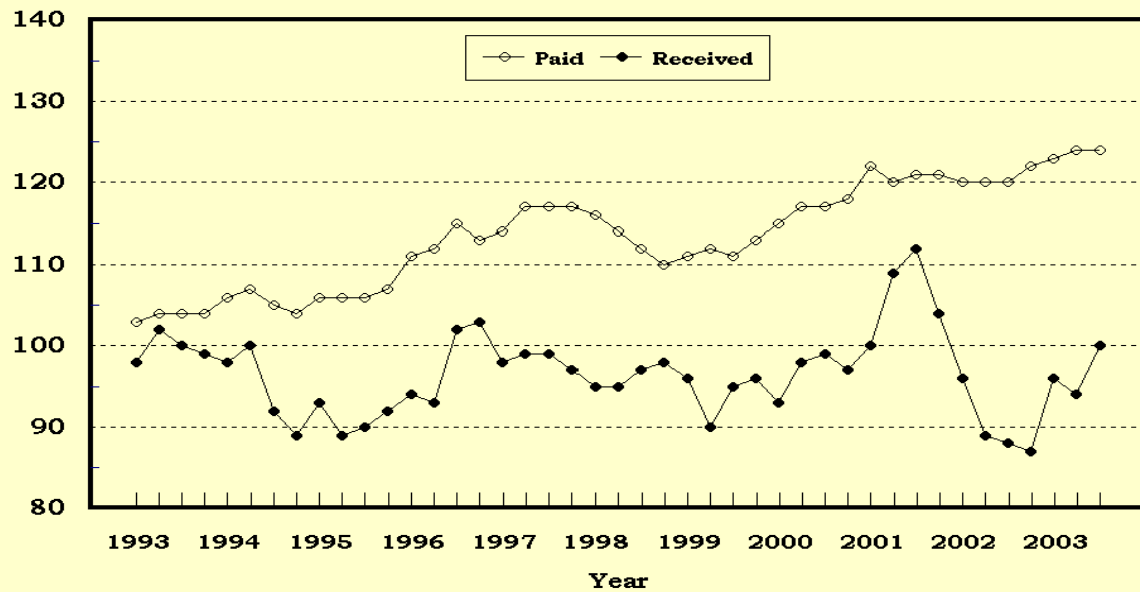
**Crop Farm Index: Prices Received and Prices Paid**  
All Items, U.S., 1993-2003, By Quarter

Index Values (1990-92=100)



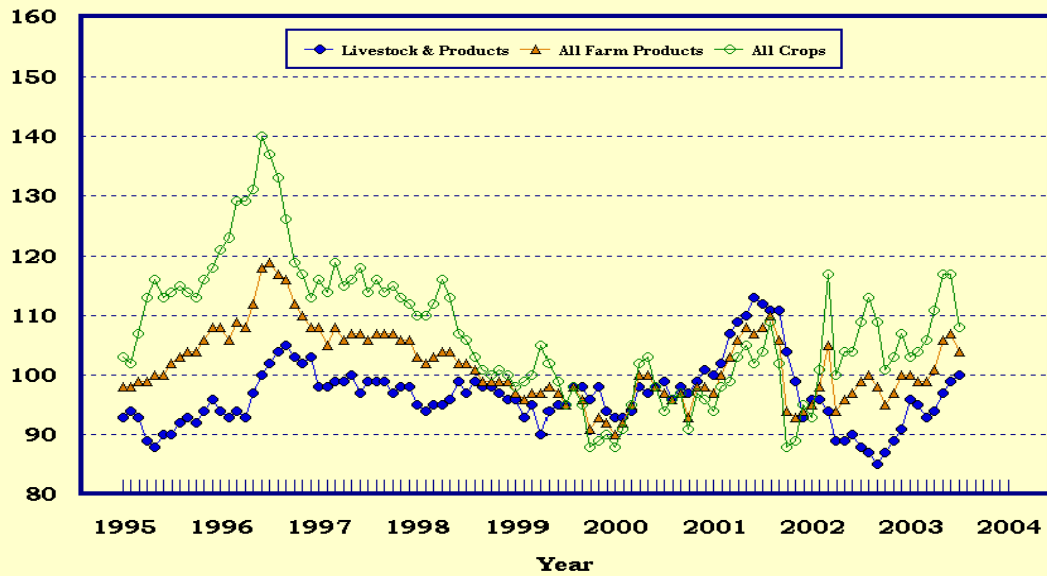
**Livestock Farm Index: Prices Received and Prices Paid**  
All Items, U.S., 1993-2003, By Quarter

Index Values (1990-92=100)



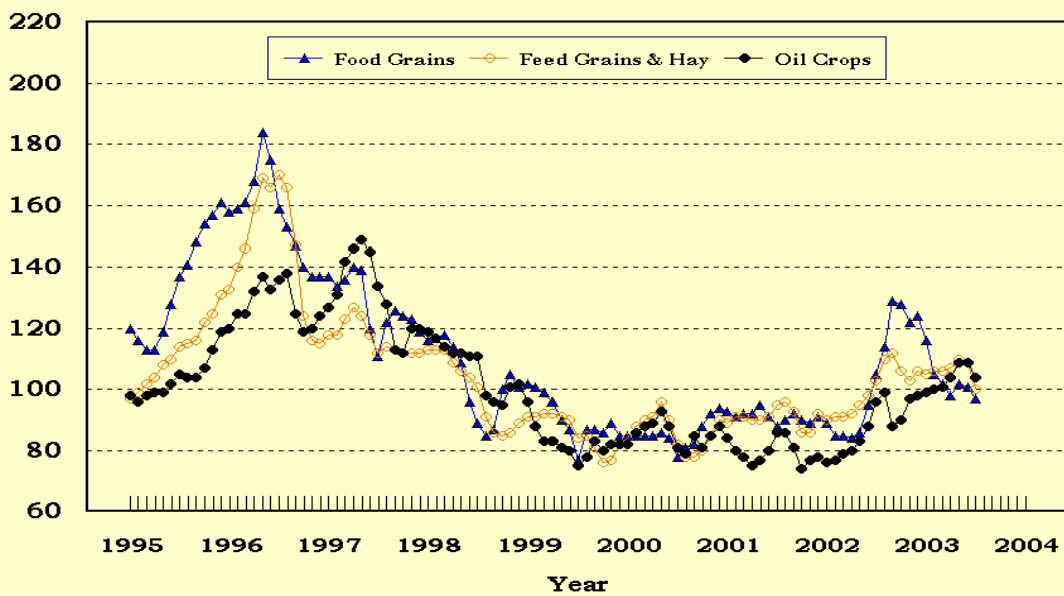
## Prices Received, Major Indexes, US

Index Values(1990-92=100)



## Prices Received, Food, Feed & Oil Indexes, US

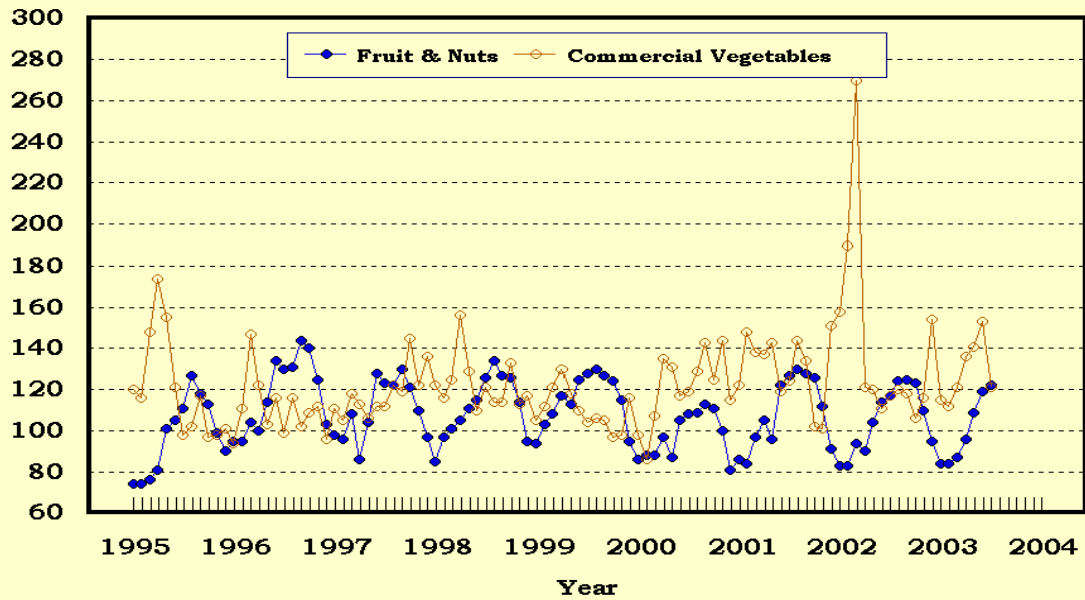
Index Values(1990-92=100)





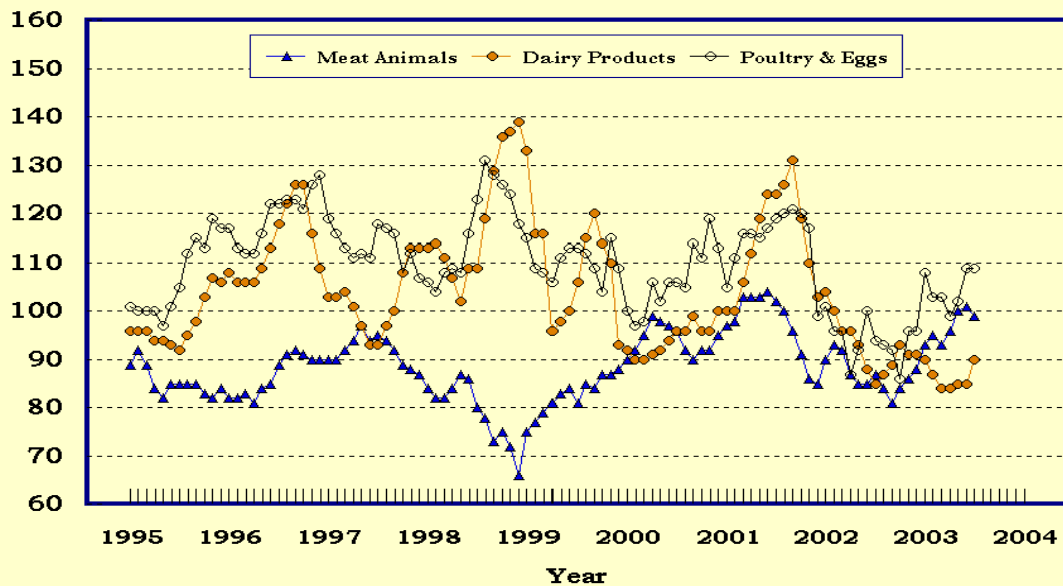
## Prices Received, Fruit/Vegetable Indexes, US

Index Values(1990-92=100)



## Prices Received, Livestock Product Indexes, US

Index Values(1990-92=100)



**Prices Received, United States,  
July 2003, with Comparisons**

Commodity	Unit	Average 1990-92	Entire Month		Preliminary
			Jul 2002	Jun 2003	Jul 2003
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
<b>Field Crops</b>					
Barley, All	Bu	2.12	2.14	3.01	2.60
Feed	Bu	1.90	1.88	2.35	2.15
Malting	Bu	2.43	2.49	3.17	3.00
Beans, Dry Edible	Cwt	19.10	24.50	15.40	17.50
Corn	Bu	2.30	2.13	2.34	2.09
Cotton, Upland	Lb	0.606	0.353	0.453	0.469
Cottonseed	Ton	96.00			
Flaxseed	Bu	4.27	5.38	6.04	5.55
Hay, All, Baled <sup>1</sup>	Ton	76.30	93.60	94.60	89.00
Alfalfa <sup>1</sup>	Ton	77.20	102.00	98.90	92.70
Other <sup>1</sup>	Ton	60.00	72.20	79.20	77.80
Oats	Bu	1.22	1.69	1.84	1.72
Peanuts, In-Shell	Lb	0.304		0.177	
Potatoes	Cwt	5.82	10.40	6.47	6.30
Rice, Rough	Cwt	7.07	3.81	5.04	4.90
Sorghum Grain	Cwt	3.75	4.06	3.61	3.55
Soybeans	Bu	5.61	5.35	6.09	5.84
Sunflowers, All <sup>2</sup>	Cwt	9.50	13.80	12.00	10.60
Tobacco, Types 11-37	Lb	1.740	1.850		
Wheat, All	Bu	2.96	3.21	3.07	2.93
Winter	Bu	2.93	3.19	2.93	2.85
Durum	Bu	2.86	3.44	3.99	3.76
Other Spring	Bu	3.11	3.31	3.46	3.25
Hard Red Winter	Bu		3.27	2.88	
Soft Red Winter	Bu		3.00	3.07	
Hard Red Spring	Bu		3.31	3.47	
White	Bu	3.24	3.26	3.23	
<b>Fruit</b>					
Citrus-Equiv on-tree					
Grapefruit	Box	5.77	6.47	11.52	9.51
Lemons	Box	10.10	19.57	9.86	10.04
Oranges	Box	5.79	4.06	4.49	4.35
Tangelos	Box	5.82			
Tangerines	Box	15.11			
Temples	Box	6.23			
Noncitrus, Fresh					
Apples <sup>3</sup>	Lb	0.212	0.206	0.224	0.200
Grapes <sup>3</sup>	Ton	506.00	830.00	1,030.00	890.00
Peaches <sup>3</sup>	Lb	0.216	0.205	0.271	0.225
Pears <sup>3</sup>	Ton	370.00	312.00	453.00	561.00
Strawberries	Lb	0.560	0.532	0.582	0.619

<sup>1</sup> Mid-month price.

<sup>2</sup> KS, MN, ND and SD average.

<sup>3</sup> Equivalent packinghouse-door returns for CA, NY (apples only), or (pears only) and WA (apples, peaches, and pears). Prices as sold for other states.

**Prices Received, United States,  
July 2003, with Comparisons (continued)**

Commodity	Unit	Average 1990-92	Entire Month		Preliminary
			Jul 2002	Jun 2003	Jul 2003
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
<b>Vegetables, Fresh <sup>1</sup></b>					
Asparagus	Cwt	79.80	118.00	101.00	203.00
Broccoli	Cwt	22.50	27.00	24.60	28.80
Cantaloupes <sup>2</sup>	Cwt		14.90	15.40	20.30
Carrots	Cwt	13.20	20.60	19.90	19.90
Cauliflower	Cwt	26.80	27.80	46.30	31.10
Celery	Cwt	11.60	10.80	9.34	13.70
Corn, Sweet	Cwt	15.70	27.90	15.40	17.70
Cucumbers <sup>2</sup>	Cwt		23.90	18.20	23.80
Lettuce	Cwt	11.90	11.30	32.20	12.20
Onions	Cwt	12.80	15.10	22.20	17.70
Snap Beans <sup>2</sup>	Cwt		52.40	55.30	33.20
Tomatoes	Cwt	32.30	28.50	45.30	38.20
<b>Livestock</b>					
Calves	Cwt	94.30	95.20	102.00	103.00
Cattle, All Beef	Cwt	72.90	63.70	74.90	74.30
Cows	Cwt	49.60	37.40	42.00	44.30
Steers & Heifers	Cwt	77.10	66.50	78.70	77.60
Milk Cows <sup>3</sup>	Head	1,130.00	1,670.00		1,310.00
Hogs, All	Cwt	47.70	39.20	45.00	42.00
Barrows & Gilts	Cwt	48.40	40.20	45.80	42.50
Sows	Cwt	39.50	19.90	30.40	33.60
Lambs	Cwt	56.20	75.60	96.70	
Sheep	Cwt	23.40	25.60	30.30	
<b>Dairy and Poultry</b>					
Milk, All <sup>4 5</sup>	Cwt	13.06	11.10	11.10	11.80
Fluid Grade <sup>5</sup>	Cwt	13.10	11.10	11.10	11.80
Mfg Grade <sup>5</sup>	Cwt	11.80	9.60	10.20	11.40
Broilers, Live <sup>6</sup>	Lb	0.317	0.300	0.360	0.360
Eggs, All <sup>7</sup>	Doz	0.643	0.565	0.678	0.697
Market <sup>7</sup>	Doz	0.546	0.380	0.499	0.524
Turkeys, live <sup>6 7</sup>	Lb	0.380	0.386	0.344	0.331
<b>Adjusted for Seasonal Variation</b>					
Eggs, All	Doz	0.545	0.608	0.788	0.726
Milk, All <sup>4</sup>	Cwt	9.71	11.21	11.56	11.68

<sup>1</sup> F.O.B. shipping point.

<sup>2</sup> Monthly estimates began January 1995.

<sup>3</sup> Animals sold for dairy herd replacement only. Prices available for Jan, Apr, Jul, and Oct.

<sup>4</sup> Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.

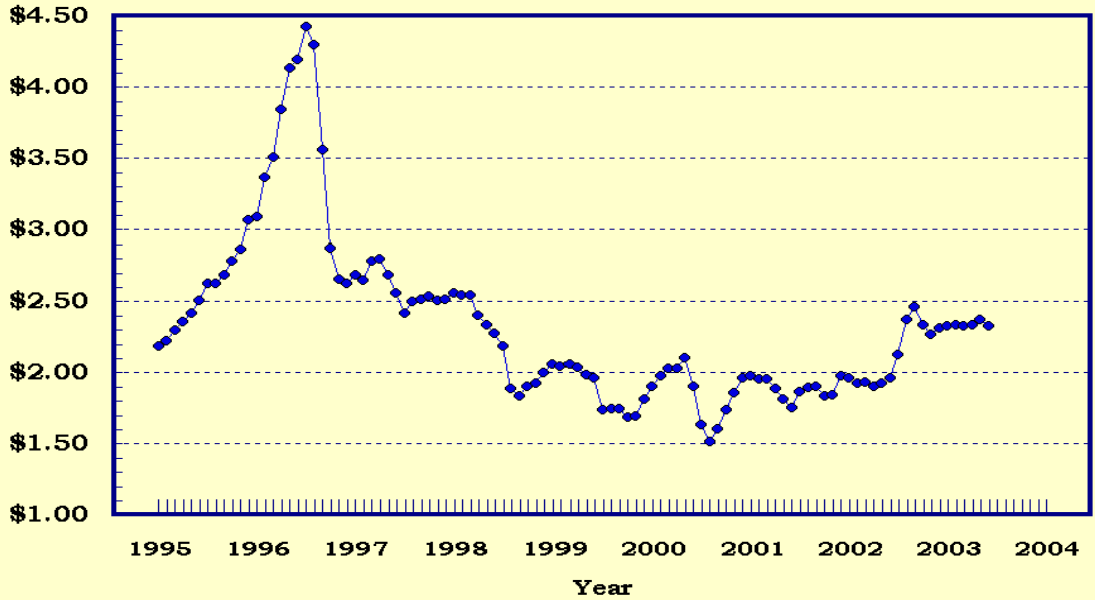
<sup>5</sup> July 2003 Fat test percent: all milk 3.54, fluid milk 3.54, mfg grade 3.61.

<sup>6</sup> Equivalent liveweight returns to producers for most States. Includes growers and contractors.

<sup>7</sup> Mid-month price.

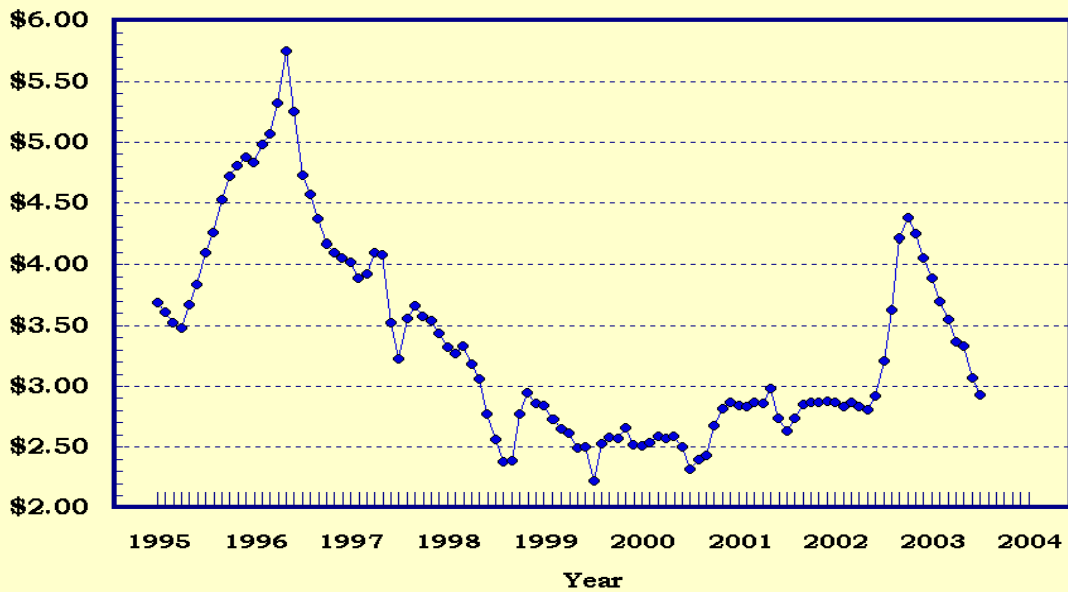
### Prices Received, Corn, US

Dollars per Bu



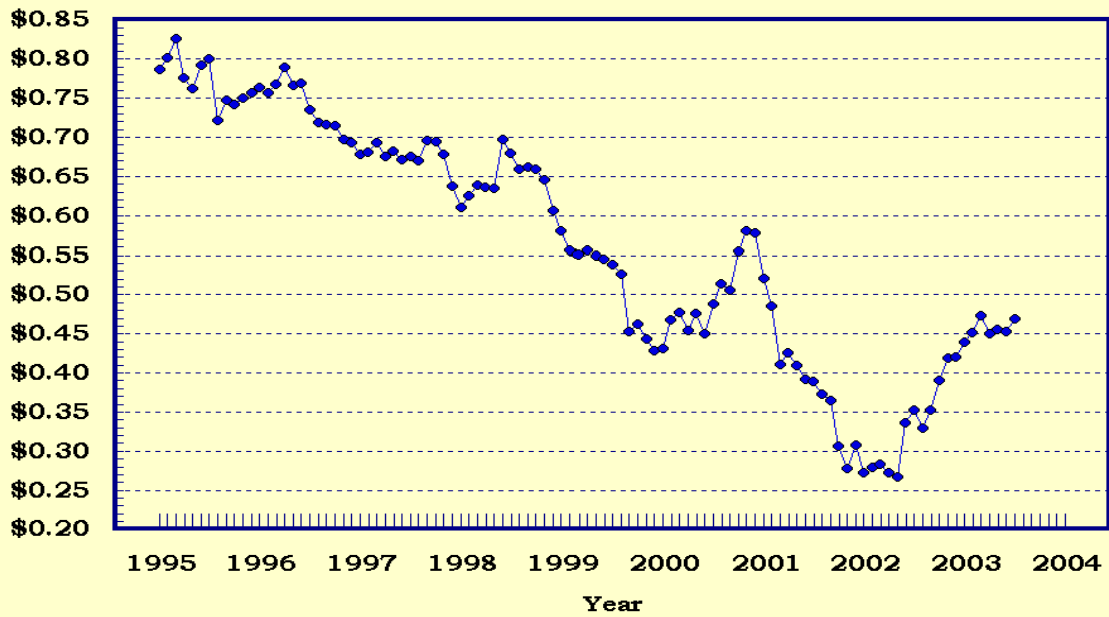
### Prices Received, Wheat, US

Dollars per Bu



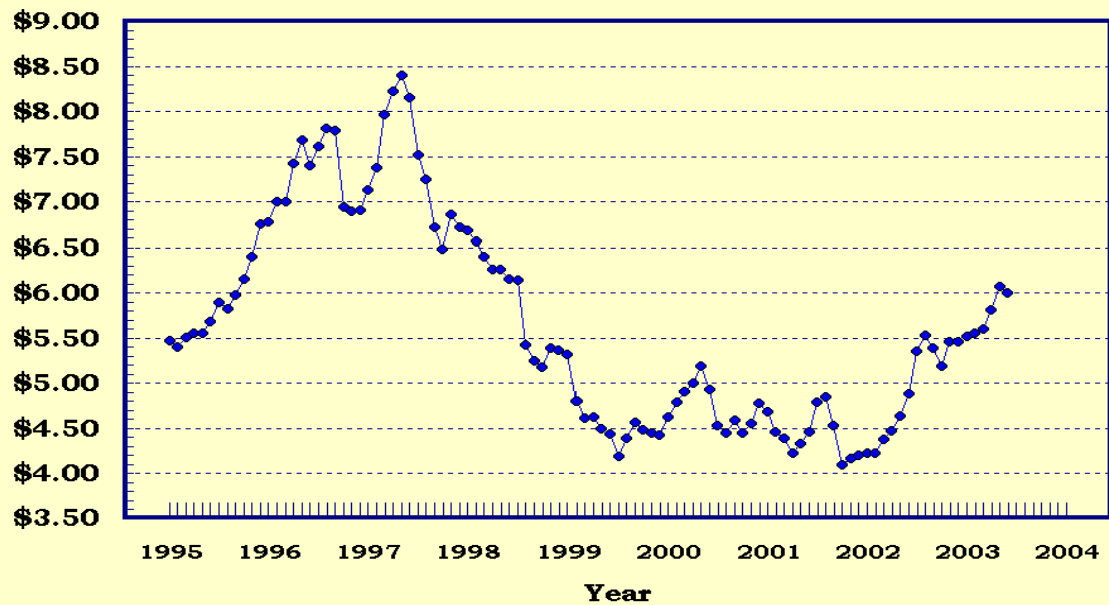
## Prices Received, Cotton, US

Dollars per Lb



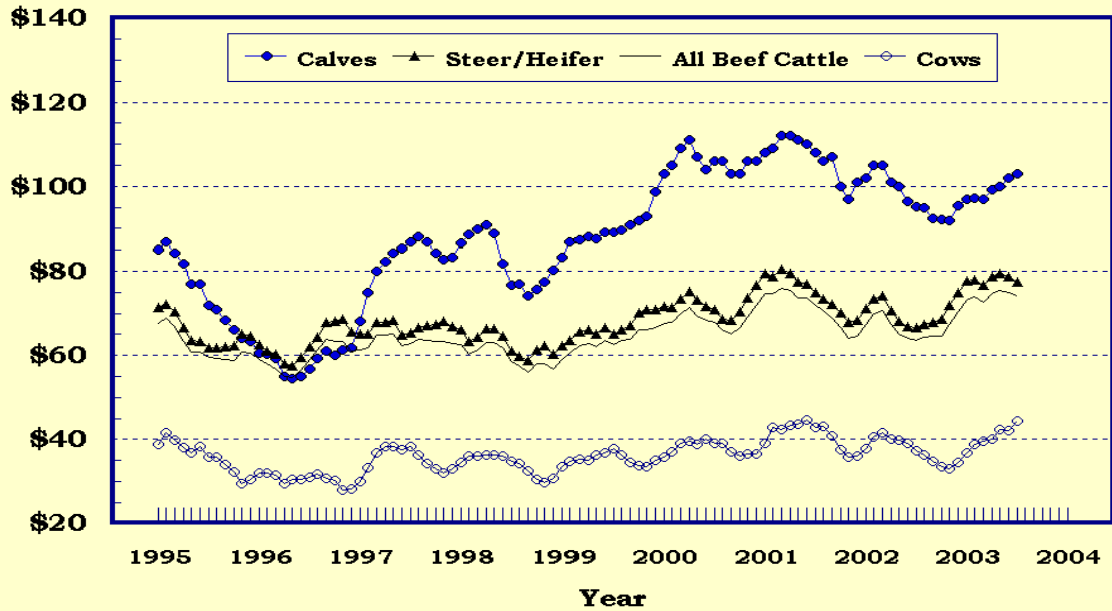
## Prices Received, Soybeans, US

Dollars per Bu



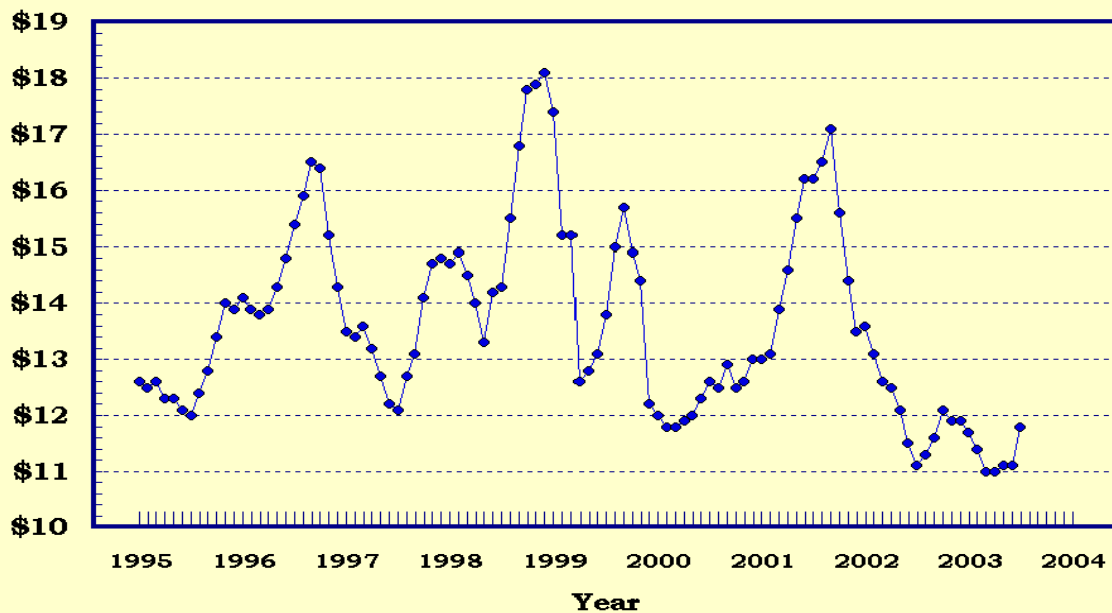
## Prices Received, Cattle, US

Dollars per Cwt



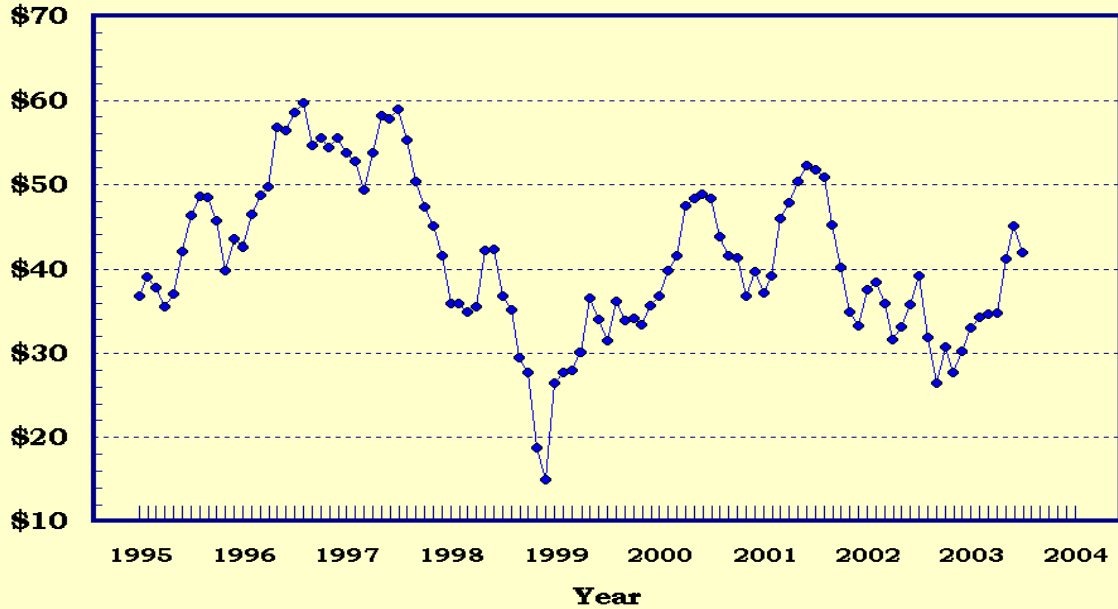
## Prices Received, Milk, US

Dollars per Cwt



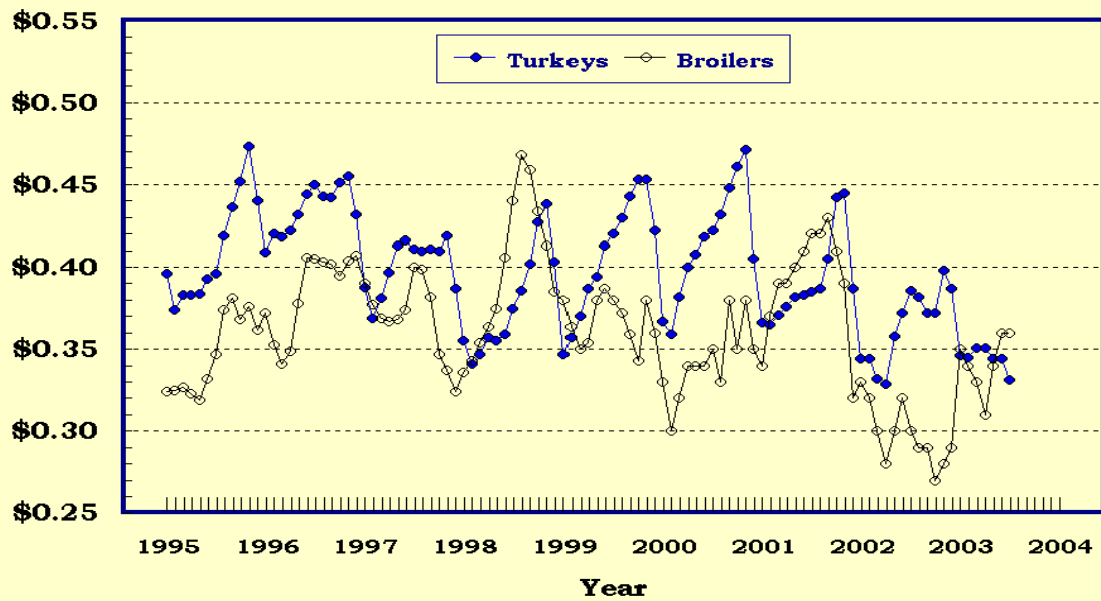
## Prices Received, Hogs, US

Dollars per Cwt



## Prices Received, Turkeys & Broilers, US

Dollars per Lb



**Wheat: Prices Received, by States, June and July 2003**

State	All Wheat		Winter Wheat		Durum Wheat		Oth Spring Wheat	
	Jun <sup>1</sup>	Jul <sup>2</sup>	Jun <sup>1</sup>	Jul <sup>2</sup>	Jun <sup>1</sup>	Jul <sup>2</sup>	Jun <sup>1</sup>	Jul <sup>2</sup>
	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>
AR	3.15	3.05	3.15	3.05				
CA	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	3.30	( <sup>3</sup> )	( <sup>3</sup> )		
CO	3.02	2.71	3.02	2.71			( <sup>4</sup> )	( <sup>4</sup> )
ID	3.35	3.38	3.23	3.30			3.50	3.50
IL	2.91	2.95	2.91	2.95				
IN	3.05	2.95	3.05	2.95				
KS	2.84	2.73	2.84	2.73				
MI	( <sup>3</sup> )	3.00	( <sup>3</sup> )	3.00				
MN	3.51	3.38	( <sup>3</sup> )	( <sup>3</sup> )			3.51	3.38
MO	2.91	2.95	2.91	2.95				
MT	3.68	3.39	3.25	2.94	4.41	3.99	3.63	3.37
NE	3.11	2.86	3.11	2.86				
ND	3.47	3.25	( <sup>3</sup> )	( <sup>3</sup> )	3.82	3.50	3.35	3.16
OH	3.09	3.06	3.09	3.06				
OK	2.82	2.76	2.82	2.76				
OR	3.26	3.32	3.24	3.30			3.43	3.40
SD	3.42	3.10	3.17	2.72			3.50	3.22
TX	2.94	2.78	2.94	2.78				
WA	3.40	3.29	3.25	3.25			3.76	3.42
US	3.07	2.93	2.93	2.85	3.99	3.76	3.46	3.25

<sup>1</sup> Entire month.

<sup>2</sup> Mid-month.

<sup>3</sup> Price not published to avoid disclosure of individual firms.

<sup>4</sup> Insufficient sales to establish a price.

**Prices Received for Selected Agricultural Commodities, by Months,  
United States, 2002 and 2003 <sup>2</sup>**

Month	All Wheat		Corn		Soybeans		Beef Cattle <sup>1</sup>		All Hogs	
	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003
	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>
Jan	2.87	3.89	1.97	2.33	4.22	5.52	67.40	73.20	37.60	33.00
Feb	2.83	3.70	1.93	2.34	4.22	5.55	70.00	74.00	38.50	34.40
Mar	2.87	3.55	1.94	2.33	4.38	5.60	70.60	72.70	36.00	34.70
Apr	2.83	3.37	1.91	2.34	4.47	5.82	67.30	74.60	31.70	34.80
May	2.81	3.33	1.93	2.38	4.64	6.07	65.10	75.50	33.20	41.30
Jun	2.92	3.07	1.97	2.34	4.88	6.09	64.00	74.90	35.80	45.00
Jul	3.21	2.93	2.13	2.09	5.35	5.84	63.70	74.30	39.20	42.00
Aug	3.63		2.38		5.53		64.40		31.90	
Sep	4.21		2.47		5.39		64.50		26.50	
Oct	4.38		2.34		5.19		64.60		30.80	
Nov	4.25		2.27		5.46		67.30		27.80	
Dec	4.06		2.32		5.46		70.40		30.30	

<sup>1</sup> Cows, steers and heifers.

<sup>2</sup> Current month prices are mid-month; prices for previous months are for the entire month.



**Grains: Prices Received, by States, June and July 2003**

Month	All Barley <sup>1</sup>		Corn		Oats		Soybeans		Sorghum Grain	
	Jun <sup>2</sup>	Jul <sup>3</sup>	Jun <sup>2</sup>	Jul <sup>3</sup>	Jun <sup>2</sup>	Jul <sup>3</sup>	Jun <sup>2</sup>	Jul <sup>3</sup>	Jun <sup>2</sup>	Jul <sup>3</sup>
	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>
AL							6.27	( <sup>4</sup> )	( <sup>5</sup> )	( <sup>4</sup> )
AR										
CA	2.80	2.80								
CO	2.21	( <sup>4</sup> )	2.53	2.23						
ID	3.08	2.96								
IL			2.39	2.20	2.00	2.00	6.20	6.00	4.16	3.90
IN			2.45	2.24			6.16	6.02		
IA			2.27	2.00	1.75	1.55	6.11	5.80		
KS			2.38	2.17			6.26	5.82	3.58	3.18
KY			2.72	2.40			6.16	5.60		
LA							( <sup>5</sup> )	( <sup>5</sup> )		
MI			2.43	2.20	2.22	2.05	6.08	5.90		
MN	( <sup>4</sup> )	( <sup>4</sup> )	2.23	1.93	1.59	1.42	5.93	5.71		
MS							5.87	5.71		
MO			2.57	2.26			6.23	5.95	4.05	3.60
MT	2.26	2.20			( <sup>4</sup> )	( <sup>5</sup> )				
NE			2.31	2.05	2.00	1.80	6.01	5.80	3.79	3.30
NC			3.07	2.96			6.21	6.23		
ND	3.09	2.79	2.28	2.07	1.56	1.21	5.87	5.56		
OH			2.55	2.30	1.90	2.00	6.26	5.91		
OK									3.62	3.15
OR	2.34	2.40			( <sup>4</sup> )	( <sup>4</sup> )				
PA			3.05	2.98	2.38	2.25				
SD	2.83	3.24	2.26	1.93	1.86	1.28	5.95	5.66		
TN			2.81	2.60			6.28	6.15		
TX			2.48	2.38	( <sup>4</sup> )	( <sup>4</sup> )			3.60	3.58
UT	2.57	2.30								
WA	2.73	2.30								
WI			2.25	2.05	1.75	1.65	6.01	5.90		
WY	2.11	2.05								
US	3.01	2.60	2.34	2.09	1.84	1.72	6.09	5.84	3.61	3.55

<sup>1</sup> The Three-State (MN, ND and SD) Feed Barley price for July 2003 is 1.93.

<sup>2</sup> Entire month.

<sup>3</sup> Mid-month.

<sup>4</sup> Price not published to avoid disclosure of individual firms.

<sup>5</sup> Insufficient sales to establish a price.

**Malting and Feed Barley: Prices Received Selected States, June and July 2003**

State	Malting Barley		Feed Barley	
	Jun <sup>1</sup>	Jul <sup>2</sup>	Jun <sup>1</sup>	Jul <sup>2</sup>
	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>
ID	3.12	3.00	2.21	2.15
MN	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
MT	3.04	2.75	2.12	2.10
ND	3.38	3.08	2.21	1.90
SD	3.22	3.24	2.00	( <sup>4</sup> )
WY	( <sup>4</sup> )	( <sup>4</sup> )	2.11	2.05

<sup>1</sup> Entire month.

<sup>2</sup> Mid-month.

<sup>3</sup> Price not published to avoid disclosure of individual firms.

<sup>4</sup> Insufficient sales to establish a price.

**Field Crops: Prices Received, by States, June and July 2003**

State	Dry Edible Beans		All Sunflowers		Flaxseed		Tobacco		Peanuts <sup>4</sup>	
	Jun <sup>1</sup>	Jul <sup>2</sup>	Jun <sup>1</sup>	Jul <sup>2</sup>	Jun <sup>1</sup>	Jul <sup>2</sup>	Jun <sup>1</sup>	Jul <sup>2</sup>	Jun <sup>1</sup>	Jul <sup>3</sup>
	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>
AL									( <sup>5</sup> )	( <sup>6</sup> )
CA	35.70	34.00								
CO	16.90	17.00								
FL									( <sup>6</sup> )	( <sup>6</sup> )
GA									( <sup>5</sup> )	( <sup>6</sup> )
ID	17.30	18.60								
IN										
KS			( <sup>5</sup> )	( <sup>5</sup> )						
KY										
MD										
MI	14.00	15.00								
MN	14.10	14.10	13.40	( <sup>5</sup> )						
MO										
NE	18.70	18.90								
NC									( <sup>6</sup> )	( <sup>6</sup> )
ND	14.10	14.80	12.00	10.50	6.04	5.55				
OH										
OK										
SC										
SD			11.40	9.39	( <sup>6</sup> )	( <sup>6</sup> )				
TN										
TX									( <sup>6</sup> )	( <sup>6</sup> )
VA									( <sup>6</sup> )	( <sup>6</sup> )
WV										
US	15.40	17.50	12.00	10.60	6.04	5.55			0.177	( <sup>6</sup> )

<sup>1</sup> Entire month.

<sup>2</sup> Mid-month.

<sup>3</sup> Based on sales through first half of month.

<sup>4</sup> In-Shell.

<sup>5</sup> Price not published to avoid disclosure of individual firms.

<sup>6</sup> Sales volume insufficient to establish a state price, but all sales included in U.S. price.

**Field Crops and Apples: Prices Received, by States, June and July 2003**

State	Cotton, Upland		July				Apples Fresh Use <sup>1 4</sup>
	Jun <sup>1</sup>	Jul <sup>2</sup>	Cotton- seed <sup>5</sup>	Hay, Baled <sup>3</sup>			
				All	Alfalfa	Other	
<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Ton</i>	<i>Dollars per Ton</i>	<i>Dollars per Ton</i>	<i>Dollars per Ton</i>	<i>Dol/Lb</i>	
AL	( <sup>6</sup> )	( <sup>6</sup> )					
AZ	( <sup>6</sup> )	( <sup>6</sup> )		90.00	90.00	85.00	
AR	0.439	0.441					
CA	( <sup>6</sup> )	( <sup>6</sup> )		86.00	87.00	81.00	
CO				90.00	88.00	119.00	
GA	0.448	0.479					
ID				84.00	85.00	68.00	
IL				84.00	89.00	68.00	
IA				74.00	74.00	54.00	
KS				70.00	74.00	59.00	
KY				77.00	110.00	64.00	
LA	0.442	0.463					
MI				89.00	95.00	75.00	
MN				65.00	70.00	54.00	
MS	0.444	0.471					
MO				64.00	104.00	49.00	
MT				76.00	76.00	73.00	
NE				62.00	62.00	60.00	
NV				100.00	100.00	95.00	
NM				140.00	144.00	118.00	
NY				122.00	140.00	110.00	
NC	( <sup>6</sup> )	( <sup>6</sup> )					
ND				50.00	52.00	38.00	
OH				117.00	160.00	69.00	
OK				71.00	91.00	56.00	
OR				101.00	107.00	80.00	
PA				142.00	163.00	130.00	0.208
SD				62.00	62.00	51.00	
TN	0.466	( <sup>6</sup> )					
TX	0.377	0.380		84.00	155.00	60.00	
UT				82.00	83.00	70.00	
VA							
WA				107.00	100.00	140.00	0.200
WI				56.00	65.00	30.00	
WY				86.00	86.00	82.00	
US	0.453	0.469		89.00	92.70	77.80	0.200

<sup>1</sup> Entire month.

<sup>2</sup> Based on sales during the first half of the month.

<sup>3</sup> Mid-month.

<sup>4</sup> Equivalent packinghouse-door returns for CA, NY, and WA. Price at point of first sale for other States.

<sup>5</sup> Marketing year August - February.

<sup>6</sup> Price not published to avoid disclosure of individual firms.

**Upland Cotton and Rice: Prices Received and Marketings,  
United States, July 2003, with Comparisons**

Item	Unit	May 2003 <sup>1</sup>	Jun 2003 <sup>1</sup>	Jul 2003 <sup>2</sup>
Cotton, Upland Average Price Marketings <sup>3</sup>	Dollars per Pound	0.456	0.453	0.469
	1,000 Bales	552	424	NA
Rice Average Price Marketings <sup>4</sup>	Dollars per Cwt	4.58	5.04	4.90
	1,000 Cwt	11,417	10,553	NA

<sup>1</sup> Entire month.

<sup>2</sup> Based on purchases for the first half of the month.

<sup>3</sup> Expanded data from sample of about 60 percent of buyers.

<sup>4</sup> Purchases by private firms and rice (rough equivalent) shipped by cooperatives.

**Citrus Fruit: Prices and Equivalent Returns, by Utilization,  
by State and United States, July 2003**

Commodity, State and Type	F.O.B. Packed Fresh	Equivalent Returns <sup>1</sup>					
		Packinghouse-door			On-tree		
		All	Fresh	Process	All	Fresh	Process
		<i>Dollars per Box</i>	<i>Dollars per Box</i>	<i>Dollars per Box</i>	<i>Dollars per Box</i>	<i>Dollars per Box</i>	<i>Dollars per Box</i>
Grapefruit CA	20.70	11.78	14.33	-0.26	9.51	12.06	-2.53
US	20.70	11.78	14.33	-0.26	9.51	12.06	-2.53
Lemons CA	32.90	14.30	23.01	0.23	10.04	18.75	-4.03
US	32.90	14.30	23.01	0.23	10.04	18.75	-4.03
Oranges CA Valencia	14.10	6.74	7.32	0.36	4.35	4.93	-2.03
US	14.10	6.74	7.32	0.36	4.35	4.93	-2.03

<sup>1</sup> Net lbs. per box: Grapefruit - AZ & CA-67, FL-85, TX-80; Lemons - 76; Oranges - AZ & CA-75, FL-90, TX-85; Tangelos - 90; Tangerines - AZ, CA-75, FL-95.

**Potatoes: Prices Received, by States, June and July 2003**

State	Jun	Jul	State	Jun	Jul
	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>		<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>
AL		10.30	NC	5.90	5.90
AZ	9.20	7.20	ND - All <sup>1</sup>	6.10	
CA - All	12.30	12.60	- Fresh <sup>2</sup>	3.50	NA
- Winter			- Processing	6.35	NA
- Spring	12.70	12.80	OH		
- Summer		18.70	OR	5.30	4.40
- Fall	6.80	6.60	PA	9.95	
CO - All <sup>1</sup>	4.15	3.45	TX	10.80	12.00
- Fresh <sup>2</sup>	4.60	NA	VA		
FL	11.40		WA - All	5.30	4.65
ID - All <sup>1</sup>	3.80	3.60	- Processing	5.50	NA
- Fresh	3.30	NA	WI - All <sup>1</sup>	5.90	
- Processing	4.30	NA	- Fresh <sup>2</sup>	5.80	NA
ME	7.40	7.10	- Processing	6.00	NA
MI					
MN	4.25	4.20	US - All <sup>1</sup>	6.47	6.30
NY			- Fresh <sup>2</sup>	7.97	NA
			- Processing	5.52	NA

<sup>1</sup> Average price of potatoes sold for all uses, including table stocks, processing, seed and livestock feed.

<sup>2</sup> Fresh market prices only, includes table stock prices.

**Cattle: Prices Received, by States, June and July 2003**

State	Cows <sup>1</sup>		Steers & Heifers		Beef Cattle <sup>4</sup>		Calves	
	Jun <sup>2</sup>	Jul <sup>3</sup>	Jun <sup>2</sup>	Jul <sup>3</sup>	Jun <sup>2</sup>	Jul <sup>3</sup>	Jun <sup>2</sup>	Jul <sup>3</sup>
	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>
AZ	39.40	41.20	78.40	86.60	78.00	86.10	90.50	96.00
AR	38.80	41.20	81.40	83.00	69.90	67.10	90.60	92.80
CA	38.50	42.00	77.00	76.00	58.50	59.70	93.00	94.00
CO	44.90	47.60	83.40	88.00	83.00	87.60	104.00	109.00
FL	40.70	41.00	77.90	78.00	47.40	50.30	90.20	92.00
GA	41.20	41.90	75.60	77.50	52.90	54.00	94.00	95.80
ID	39.20	42.80	77.00	75.80	67.90	68.20	97.00	99.00
IL	38.50	40.00	78.80	76.40	78.00	75.70	96.00	97.00
IA	42.50	44.50	75.80	74.40	75.10	73.80	95.40	96.00
KS	43.70	45.20	77.40	74.00	77.10	73.70	105.00	107.00
KY	41.00	42.00	80.00	82.00	70.60	72.40	91.00	92.00
LA	39.20	41.00	77.60	79.00	51.10	53.90	90.50	92.00
MI	42.00	44.00	72.00	70.00	63.00	62.20	95.00	93.00
MN	46.80	49.00	75.30	74.00	67.90	67.50	95.00	88.00
MO	42.00	45.30	86.40	90.20	74.00	79.00	97.40	101.00
MT	45.70	47.50	79.90	83.40	56.30	62.60	97.00	100.00
NE	43.00	44.50	79.30	78.20	78.20	77.20	107.00	104.00
NM	42.00	45.10	83.20	87.30	68.80	71.30	94.50	97.50
ND	44.20	45.50	79.00	80.00	56.00	59.30	99.00	99.00
OH	38.40	40.00	74.90	75.00	71.30	71.50	83.60	83.00
OK	42.30	44.40	83.80	87.40	77.20	80.50	97.10	100.00
OR	42.00	42.70	80.00	81.00	68.60	69.50	91.50	92.00
PA	41.40	44.20	76.40	75.30	67.30	67.20	113.00	110.00
SD	46.80	48.00	79.20	77.70	71.70	70.30	107.00	102.00
TN	39.00	41.00	80.00	83.00	63.60	66.20	88.00	90.00
TX	38.90	42.50	78.40	76.50	74.80	74.10	98.20	102.00
VA	36.90	40.30	68.50	72.20	56.50	61.00	81.80	84.40
WI	44.50	45.90	74.60	72.30	57.10	57.00	122.00	125.00
WY	44.30	45.00	85.20	86.50	75.40	74.10	106.00	106.00
US	42.00	44.30	78.70	77.60	74.90	74.30	102.00	103.00

<sup>1</sup> Beef cows and cull dairy cows sold for slaughter.

<sup>2</sup> Entire month.

<sup>3</sup> Mid-month.

<sup>4</sup> "Cows" and "steers and heifers" combined.

**Hogs: Prices Received, by States, June and July 2003**

State	Sows		Barrows and Gilts		All Hogs	
	Jun <sup>1</sup>	Jul <sup>2</sup>	Jun <sup>1</sup>	Jul <sup>2</sup>	Jun <sup>1</sup>	Jul <sup>2</sup>
	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>
AR	29.70	34.00	44.70	41.80	43.20	41.00
IL	30.00	32.00	49.50	45.50	47.90	44.40
IN	33.20	36.90	46.80	44.10	45.60	43.50
IA	32.70	38.00	43.40	39.30	43.20	39.30
KS	30.50	32.70	44.70	40.90	42.90	39.90
MI	31.00	33.00	42.00	41.00	41.10	40.40
MN	31.30	33.50	47.50	45.00	47.30	44.90
MO	27.10	31.80	43.50	40.40	42.40	39.50
NE	32.00	34.90	48.50	46.20	48.20	46.00
NC	29.50	34.40	47.70	43.80	47.50	43.70
OH	32.80	33.00	47.30	45.00	46.30	44.20
OK	28.80	32.60	42.20	39.50	40.40	38.60
PA	28.90	31.20	44.00	42.90	41.70	41.10
SD	30.80	33.00	48.80	45.00	46.30	43.20
TX	24.70	26.10	39.40	37.00	37.00	34.80
WI	38.20	39.60	48.90	47.10	47.50	46.10
US	30.40	33.60	45.80	42.50	45.00	42.00

<sup>1</sup> Entire month.

<sup>2</sup> Mid-month.

**Sheep and Poultry: Prices Received, by States, June and July 2003**

State	June		July
	Sheep <sup>1</sup>	Lambs <sup>1</sup>	Eggs <sup>2 3</sup>
	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>	<i>Dollars per Dozen</i>
AL			0.530
AR			0.460
CA	29.00	92.00	0.590
CO	31.40	98.90	
CT			0.590
FL			0.510
GA			0.502
ID	36.00	96.00	
IN			0.500
IA	34.50	97.90	0.480
KS	26.00	93.00	
ME			0.690
MI			0.540
MN	24.30	96.40	0.545
MS			0.520
MO			0.440
MT	29.10	103.00	
NE	28.20	94.00	
NY			0.570
NC			0.520
ND	24.00	97.00	
OH	33.50	98.60	0.503
OR	32.00	90.00	
PA			0.600
SC			0.560
SD	26.30	101.00	
TX	33.50	97.40	0.460
UT	27.00	96.00	
WA			0.584
WY	29.70	103.00	
US	30.30	96.70	0.524

<sup>1</sup> Entire month.

<sup>2</sup> Mid-month.

<sup>3</sup> Market (table) eggs.



**Milk and Milk Cows: Prices Received, by States, June and July 2003**

State	June <sup>1</sup>						July		
	Fluid Grade Milk <sup>2</sup>		Manufacturing Grade Milk		All Milk <sup>3</sup>		All Milk <sup>3 4</sup>		Milk Cows <sup>5</sup>
	Price	Fat Test	Price	Fat Test	Price	Fat Test	Price	Fat Test	
	<i>Dol/Cwt</i>	<i>Percent</i>	<i>Dol/Cwt</i>	<i>Percent</i>	<i>Dol/Cwt</i>	<i>Percent</i>	<i>Dol/Cwt</i>	<i>Percent</i>	<i>Dol/Head</i>
AZ	10.60	3.53			10.60	3.53	11.10	3.51	1,350
CA	10.20	3.59	10.50	3.87	10.20	3.59	11.20	3.57	1,230
FL	13.70	3.47			13.70	3.47	13.80	3.51	1,450
ID	10.10	3.46	10.30	3.63	10.10	3.46	11.00	3.44	1,400
IL	11.20	3.57	10.80	3.53	11.20	3.57	11.90	3.55	1,350
IN	10.70	3.59	9.60	3.60	10.60	3.59	11.20	3.55	1,250
IA	11.20	3.56	10.20	3.55	11.20	3.56	12.00	3.51	1,330
KY	12.00	3.55			12.00	3.55	12.20	3.54	1,310
MI	11.10	3.53	9.60	3.56	11.10	3.53	11.60	3.48	1,350
MN	11.20	3.63	9.70	3.63	11.10	3.63	12.10	3.57	1,300
MO	11.20	3.53	10.20	3.81	11.20	3.54	11.60	3.52	1,250
NM	10.40	3.45			10.40	3.45	11.00	3.43	1,380
NY	11.80	3.61			11.80	3.61	12.10	3.57	1,250
OH	11.00	3.59	10.50	3.70	11.00	3.60	11.50	3.56	1,320
PA	12.50	3.65	9.90	3.65	12.50	3.65	12.80	3.60	1,300
TX	11.40	3.57			11.40	3.57	11.80	3.57	1,380
VT	11.50	3.63			11.50	3.63	11.80	3.60	1,300
VA	12.90	3.56			12.90	3.56	13.10	3.47	1,380
WA	11.00	3.57			11.00	3.57	11.70	3.56	1,350
WI	11.20	3.61	10.20	3.65	11.20	3.61	12.50	3.54	1,330
US	11.10	3.58	10.20	3.67	11.10	3.58	11.80	3.54	1,310

<sup>1</sup> Entire month.

<sup>2</sup> Including milk diverted to manufacturing.

<sup>3</sup> Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.

<sup>4</sup> Preliminary.

<sup>5</sup> Animals sold for dairy herd replacement only. Prices published January, April, July and October.

**Parity Price Equivalent for Manufacturing Milk <sup>1</sup>: United States,  
June and July 2003, with Comparisons**

Item	Unit	Jul 2002	Jun 2003	Jul 2003
Parity Equivalent	Dollars per Cwt	29.59	30.19	30.19
Average Price F.O.B <sup>2</sup>	Dollars per Cwt	9.60	10.20	11.40
Average Fat Test of Milk <sup>2</sup>	Percent	3.61	3.67	3.61

<sup>1</sup> The parity price equivalent during 2003 is 90.4 percent of the parity price of all milk sold to plants, compared with 90.5 percent in 2002. For additional details, see January 2003 issue of "Agricultural Prices".

<sup>2</sup> Preliminary for July 2003.

**United States Parity Prices for Farm Products and Average Prices Received as  
Percent of Parity Prices Based on Data for July 2003, with Comparisons <sup>1</sup>**

Commodity and Unit	Adjusted Base Prices	Parity Prices Based on Data for			Prices as Percent of Parity		
		Jul 2002	Jun 2003	Jul 2003	Jul 2002	Jun 2003	Jul 2003
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
<b>Basic Commodities</b>							
All Wheat, Bu	0.569	9.51	9.65	9.66	34	32	30
Rice, Cwt	1.56	25.50	26.50	26.50	15	19	18
Corn, Bu	0.389	6.44	6.60	6.60	33	35	32
Cotton, Lb							
American Upland	0.100	1.63	1.70	1.70	22	27	28
Extra Long Staple	0.140	2.30	2.37	2.38			
Peanuts, Lb	0.0388	0.659	0.658	0.658		27	
Tobacco, By Type, Lb							
Flue-Cured 11-14	0.256	4.19	4.34	4.34	44		
VA Fire-Cured, 21	0.259	4.22	4.39	4.40			
KY-TN Fire-Cured, 22-23	0.320	5.24	5.43	5.43			
Burley, 31	0.275	4.50	4.66	4.67			
Maryland, 32	0.218	3.61	3.70	3.70			
Dark Air-Cured, 35-36	0.276	4.44	4.68	4.68			
Sun-Cured, 37	0.243	3.93	4.12	4.12			
PA Seedleaf, 41	0.199	3.09	3.38	3.38			
Cigar Filler & Binder, 42-44, 54-55	0.221	3.58	3.75	3.75			
Puerto Rican Filler, 46	0.163	2.84	2.76	2.77			
Cigar Binder, 51-52	0.719	11.10	12.20	12.20			
<b>Designated Nonbasic</b>							
All Milk, Sold to Plants, Per Cwt <sup>2</sup>	1.97	32.70	33.40	33.40	34	35	35
Honey, Extracted, Lb <sup>3</sup>	0.0938	1.53	1.59	1.59			
<b>Wool and Mohair</b>							
Wool, Lb	0.0910	1.56	1.54	1.54			
Mohair, Lb	0.325	5.18	5.51	5.52			
<b>Other Nonbasic</b>							
Barley, Bu	0.385	6.33	6.53	6.53	34	46	40
Cottonseed, Ton	15.60	258.00	265.00	265.00			
Dry Edible Beans, Cwt	2.97	47.60	50.40	50.40	51	31	35
Flaxseed, Bu	0.703	11.20	11.90	11.90	48	51	47
Oats, Bu	0.243	3.93	4.12	4.12	43	45	42
Potatoes, Cwt	0.813	13.40	13.80	13.80	78	47	46
Rye, Bu	0.343	5.60	5.82	5.82			
Sorghum Grain, Cwt	0.658	10.90	11.20	11.20	37	32	32
Soybeans Bu	0.851	14.10	14.40	14.40	38	42	41
Sweetpotatoes, Cwt	2.19	35.80	37.10	37.20			
Apples, Fresh, Lb <sup>4</sup>	0.0287	0.475	0.487	0.487	43	46	41
Citrus (equiv on-tree), Box							
Grapefruit	0.388	7.25	6.58	6.58	89	175	145
Lemons	1.10	17.70	18.70	18.70	111	53	54
Oranges	0.570	10.60	9.67	9.67	38	46	45
Tangerines	1.46	25.50	24.80	24.80			
Temples (FL)	0.463	8.66	7.85	7.86			
Beef Cattle, Cwt	9.46	157.00	160.00	161.00	41	47	46
Calves, Cwt	12.70	209.00	215.00	216.00	46	47	48
Hogs, Cwt	6.03	102.00	102.00	102.00	38	44	41
Lambs, Cwt	10.90	177.00	185.00	185.00	43	52	
Sheep, Cwt	4.65	75.10	78.90	78.90	34	38	
Eggs, Doz <sup>2</sup>	0.0933	1.53	1.58	1.58	40	50	46
Turkeys, Live, Lb	0.0579	0.956	0.982	0.983	40	35	34

--continued

**Parity Prices Based on Data for July 2003, United States <sup>1</sup> (continued)**

Other Nonbasic Commodities	Adj Base Prices	Parity Prices	Other Nonbasic Commodities	Adj Base Prices	Parity Prices
	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Dollars</i>
Field Crops and Misc Commodities			Noncitrus Fruit		
Hops, Lb	0.255	4.33	Peaches, cont.		
Spearmint Oil, Lb	1.59	27.00	Processing <sup>5</sup>		
Tobacco, Lb			Excl Dried		
Type 61	2.51	42.60	Clingstone, CA, Ton	33.00	560.00
			Pears, Ton		
Noncitrus Fruit			Fresh <sup>4</sup>	51.70	877.00
Apples, Ton <sup>6</sup>			Dried, CA <sup>6</sup>	161.00	2,730.00
Processing	18.00	305.00	Plums, CA, Ton		
Apricots, Ton			Fresh, Equiv		
Fresh <sup>7</sup>	103.00	1,750.00	on-Tree	57.20	971.00
Dried, CA	284.00	4,820.00	Prunes, Dried, CA, Ton <sup>6</sup>	132.00	2,240.00
Avocados, Ton <sup>7</sup>	218.00	3,700.00	Prunes and Plums, Excl CA, Ton		
Cherries Bbl			Fresh <sup>9</sup>	53.50	908.00
Sweet, Ton	181.00	3,070.00	Processing <sup>6</sup>		
Tart, Lb	0.0229	0.389	Excl Dried	24.90	423.00
Cranberry, Bbl <sup>5</sup>	6.23	106.00			
Dates, CA, Ton <sup>7</sup>	161.00	2,730.00	Tree Nuts <sup>10</sup>		
Grapes, Ton			Almonds, Lb	0.211	3.58
Raisin Variety	130.00	2,210.00	Hazelnuts, Ton	124.00	2,100.00
Other Dried	68.50	1,160.00	Pistachio, Lb	0.160	2.72
Kiwifruit, Ton	74.00	1,260.00	Walnuts, Ton	181.00	3,070.00
Nectarines			Vegetables, Cwt <sup>11</sup>		
Fresh, CA, Ton <sup>7</sup>	64.10	1,090.00	Fresh		
Olives, CA			Carrots <sup>8</sup>	2.11	35.80
canning, Ton <sup>5</sup>	96.80	1,640.00	Cauliflower <sup>8</sup>	4.53	76.90
Papayas (HA)	0.0508	0.862	Celery <sup>8</sup>	2.00	33.90
Peaches			Honeydew Melons	2.78	47.20
Fresh, Lb <sup>4</sup>	0.0397	0.674	Lettuce	2.47	41.90
Dried, CA, Ton	97.00	1,650.00	Onions <sup>8</sup>	1.66	28.20
			Tomatoes	4.31	73.10

<sup>1</sup> Parity prices are computed under the provisions of Title III, Subtitle a, Section 301 (a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, and 1956. See January "Agricultural Prices" for details on adjusted base price and parity price computations.

<sup>2</sup> Seasonally adjusted price as percentage of parity price.

<sup>3</sup> Wholesale extracted. Adjusted base price derived from state annual averages prices weighted by production. For 1982 through 1985 the national averages are the support prices.

<sup>4</sup> Equivalent packinghouse-door returns for CA, NY (apples only), OR (except peaches), and WA. Price at point of first sale for other states.

<sup>5</sup> Equivalent returns for bulk fruit at first delivery point.

<sup>6</sup> Equivalent returns at processing plant door.

<sup>7</sup> Equivalent returns at packinghouse door.

<sup>8</sup> Includes some processing.

<sup>9</sup> Based on "as sold" prices for fresh fruit in all states.

<sup>10</sup> Prices in-shell basis except almonds which are shelled basis.

<sup>11</sup> F.O.B. shipping point prices.

**Apples for Fresh Use: Prices Received, by State, July 2000 - June 2003  
and United States, July 1998 - June 2003**

State	2000						2001					
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>
CA		0.276	0.292	0.201	0.200	0.124	0.080	0.130	0.053	0.106		
MI		0.160	0.180	0.160	0.145	0.150	0.140	0.140	0.130	0.135	0.135	0.120
NY			0.214	0.197	0.178	0.167	0.160	0.163	0.161	0.161	0.158	0.166
OH	0.245	0.275	0.290	0.270	0.260	0.260	0.250	0.250	0.260	0.230	0.220	0.220
PA	0.191	0.190	0.280	0.270	0.260	0.240	0.230	0.230	0.210	0.260		
VA		0.220	0.190	0.180	0.170	0.170	0.160	0.160	0.150	0.150		
WA	0.160	0.185	0.213	0.208	0.175	0.174	0.157	0.148	0.143	0.152	0.152	0.148
State	2001						2002					
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>
CA		0.269	0.186	0.275	0.265	0.210	0.113	0.129	0.130			
MI		0.150	0.205	0.180	0.160	0.160	0.160	0.160	0.155	0.155	0.150	0.145
NY			0.203	0.195	0.187	0.179	0.176	0.175	0.181	0.183	0.188	0.215
OH	0.285	0.290	0.280	0.280	0.272	0.272	0.248	0.253	0.256	0.249	0.242	0.250
PA	0.210	0.170	0.210	0.200	0.200	0.190	0.200	0.210	0.140	0.140		
VA		0.220	0.225	0.235	0.216	0.200	0.200	0.190	0.190	0.190		
WA	0.152	0.173	0.221	0.259	0.246	0.246	0.237	0.229	0.230	0.227	0.221	0.221
State	2002						2003					
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>
CA		0.333	0.339	0.291	0.226	0.219	0.262	0.203	0.207			
MI		0.210	0.250	0.240	0.230	0.230	0.210	0.210	0.210	0.190	0.200	
NY			0.288	0.297	0.282	0.276	0.278	0.272	0.269	0.270	0.296	0.346
OH	0.228	0.290	0.305	0.305	0.296	0.311	0.309	0.320	0.317	0.307	0.302	0.280
PA		0.220	0.202	0.207	0.212	0.242	0.221	0.238	0.226	0.214	0.202	0.179
VA			0.214	0.223	0.170	0.180	0.196	0.180				
WA			0.305	0.316	0.283	0.268	0.256	0.246	0.228	0.228	0.212	0.215
	Jul	Aug	Sep	Oct	Nov	Dec	Jan <sup>2</sup>	Feb	Mar	Apr	May	Jun
	United States											
1998	0.127	0.138	0.226	0.221	0.175	0.149	0.158	0.150	0.153	0.141	0.133	0.127
1999	0.124	0.184	0.232	0.235	0.233	0.237	0.235	0.211	0.205	0.197	0.182	0.163
2000	0.162	0.188	0.237	0.206	0.179	0.175	0.158	0.152	0.146	0.157	0.152	0.149
2001	0.152	0.173	0.212	0.248	0.235	0.231	0.221	0.216	0.220	0.218	0.215	0.220
2002	0.206	0.245	0.300	0.301	0.268	0.263	0.258	0.246	0.226	0.234	0.218	0.224

<sup>1</sup> Equivalent packinghouse-door returns for CA, NY, and WA; prices at point of first sale for other states.

<sup>2</sup> January of the following year.

**Grapes for Fresh Use: Monthly Average Prices Received,  
United States, May 1997 - December 2002**

Year	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	<i>Dollars Per Ton</i>	<i>Dollars Per Ton</i>	<i>Dollars Per Ton</i>	<i>Dollars Per Ton</i>	<i>Dollars Per Ton</i>	<i>Dollars Per Ton</i>	<i>Dollars Per Ton</i>	<i>Dollars Per Ton</i>
1997	1,060	660	480	450	550	570	840	( <sup>1</sup> )
1998	( <sup>1</sup> )	570	580	800	580	570	600	550
1999	1,300	880	695	765	555	525	595	595
2000	915	675	515	615	535	705	765	765
2001	790	1,190	630	600	670	640	640	850
2002	1,000	905	830	650	640	590	610	720

<sup>1</sup> Insufficient sales to establish a price.

**Cranberries: Marketing Year Average Prices Received by Growers 2000-2002 <sup>1</sup>**

State	2000	2001	2002
	<i>Dollars per Barrel</i>	<i>Dollars per Barrel</i>	<i>Dollars per Barrel</i>
MA	19.00	24.00	33.20
NJ	17.90	23.10	32.00
OR	16.70	22.50	32.90
WA	22.30	28.20	36.20
WI	17.40	23.70	32.20
US	18.10	23.80	32.60

<sup>1</sup> Weighted average of co-op and independent sales. Co-op prices represent pool proceeds less returns for processing non-cranberry products, capital stock dividends, capital stock retains, and other retains.

**Peaches for Fresh Use: Monthly Average Prices Received, United States, 1997-2002 <sup>1</sup>**

State	May	Jun	Jul	Aug	Sep
	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>	<i>Dollars per Pound</i>
1997	0.255	0.193	0.146	0.238	0.353
1998	0.328	0.254	0.280	0.286	0.300
1999	0.366	0.270	0.257	0.232	0.319
2000	0.332	0.264	0.238	0.219	0.345
2001	0.395	0.338	0.288	0.216	0.318
2002	0.475	0.275	0.205	0.278	0.278

<sup>1</sup> Equivalent packinghouse-door returns for CA and WA; price at point of first sale for other states.

**Pears for Fresh Use: Monthly Average Prices Received, United States, July 1997 - June 2003 <sup>1</sup>**

Year	Jul	Aug	Sep	Oct	Nov	Dec	Jan <sup>2</sup>	Feb	Mar	Apr	May	Jun
	<i>Dollars Per Ton</i>	<i>Dollars Per Ton</i>	<i>Dollars Per Ton</i>	<i>Dollars Per Ton</i>	<i>Dollars Per Ton</i>	<i>Dollars Per Ton</i>	<i>Dollars Per Ton</i>	<i>Dollars Per Ton</i>	<i>Dollars Per Ton</i>	<i>Dollars Per Ton</i>	<i>Dollars Per Ton</i>	<i>Dollars Per Ton</i>
1997	325	351	368	361	352	305	269	272	272	332	385	425
1998	365	396	422	392	352	314	347	350	327	332	324	388
1999	200	185	330	505	532	521	489	458	340	344	272	235
2000	233	249	315	403	339	347	313	252	296	337	417	( <sup>3</sup> )
2001	405	394	415	390	374	363	282	276	267	267	267	337
2002	312	460	474	458	442	437	408	366	378	367	397	453

<sup>1</sup> Equivalent packinghouse-door returns for CA, NY, and WA; price at point of first sale for other States.

<sup>2</sup> January for the following year.

<sup>3</sup> Insufficient sales to establish a price.

**Vegetables for Fresh Market: Prices Received Monthly,  
by States and United States, 2000-2002, continued**

State and Year	Jan	Feb	Mar	Apr	May	Jun
Dollars per Cwt Spring Onions						
AZ						
2000					7.40	4.60
2001					7.29	9.02
2002					8.05	8.40
CA						
2000				12.50	9.12	10.00
2001				16.30	13.00	12.70
2002				13.70	13.70	15.00
TX						
2000				13.40	17.00	19.40
2001				18.10	18.10	18.60
2002				20.80	21.00	23.60
US						
2000				13.30	12.80	12.10
2001				17.30	15.80	15.10
2002				20.50	17.40	17.30
Summer Onions Non-Storage						
NM						
2000						11.30
2001						15.60
2002						12.40
TX						
2000						
2001						
2002						
WA						
2000						22.90
2001						20.60
2002						27.10
US						
2000						12.30
2001						16.00
2002						13.00
Summer Onions Storage						
CA						
2000						
2001						
2002	11.60	11.20	11.20			
CO						
2000	7.90	5.90				
2001	14.80	15.40				
2002	11.50	11.50				
ID						
2000	4.70	3.70	3.70			
2001	13.50	12.70	14.40	12.00		
2002	8.60	6.20	6.40	5.80		
MI						
2000	9.77	9.05	8.95			
2001	12.90	12.70	13.00			
2002	12.90	12.70	12.50			

Summer storage onions continued on next page.

**Vegetables for Fresh Market: Prices Received Monthly,  
by States and United States, 2000-2002, continued**

State and Year	Jul	Aug	Sep	Oct	Nov	Dec
Dollars per Cwt Spring Onions						
AZ						
2000	4.30					
2001	6.60					
2002	10.00					
CA						
2000	13.10					
2001	14.50					
2002	14.20					
TX						
2000	18.20					
2001	20.00					
2002						
US						
2000	15.00					
2001	14.60					
2002	14.10					
Summer Onions Non-Storage						
NM						
2000	7.80	11.90				
2001	14.30	12.60				
2002	13.00	11.60				
TX						
2000	24.20	18.40				
2001	21.00	17.80				
2002	22.50	21.20				
WA						
2000	21.80	21.80				
2001	19.20	18.00				
2002	22.90	24.60				
US						
2000	13.00	13.80				
2001	16.40	14.10				
2002	16.00	14.60				
Summer Onions Storage						
CA						
2000	13.00	11.10	12.20	12.90	14.10	16.30
2001	14.50	12.60	12.80	12.60	11.90	11.90
2002	14.20	12.50	11.00	11.30	11.30	11.30
CO						
2000		13.90	12.10	14.10	12.40	13.50
2001		13.30	13.20	11.50	11.40	11.50
2002	15.50	15.60	14.10	14.00	14.00	14.00
ID						
2000		10.40	9.50	10.20	10.20	11.70
2001		11.00	9.70	8.40	8.30	8.10
2002		9.30	8.90	9.00	9.10	9.10
MI						
2000			14.00	12.20	12.80	11.00
2001			13.90	11.90	11.90	11.00
2002			13.40	13.40	13.80	11.00

Summer storage onions continued on next page.

**Vegetables for Fresh Market: Prices Received Monthly,  
by States and United States, 2000-2002, continued**

State and Year	Jan	Feb	Mar	Apr	May	Jun
	Dollars per Cwt Summer Onions Storage					
NY						
2000	10.00	9.20	8.60	9.30		
2001	13.10	13.60	14.00	14.00		
2002	9.70	8.90	7.50	8.20		
OH						
2000						
2001						
2002						
OR-Malheur						
2000	4.70	3.70	3.70			
2001						
2002						
OR-Other						
2000	6.50	5.30	4.30	5.40		
2001						
2002						
WA						
2000	5.00	4.00	3.95	6.30	6.10	
2001	6.90	5.20	5.10	7.10	6.90	
2002	8.00	6.90	5.30	4.70	5.20	
	Summer Onions Storage					
US						
2000	5.86	4.86	4.38	6.80	6.10	
2001	11.50	10.80	11.00	10.40	6.90	
2002	9.71	8.52	6.91	6.43	5.20	
	All Summer Onions					
US						
2000	5.86	4.86	4.38	6.80	6.10	12.30
2001	11.50	10.80	11.00	10.40	6.90	16.00
2002	9.71	8.52	6.91	6.43		13.00
	All Onions					
US						
2000	5.86	4.86	4.38	10.00	12.50	12.10
2001	11.50	10.80	11.00	12.70	15.40	15.30
2002	9.71	8.52	6.91	16.20	16.10	15.60



**Vegetables for Fresh Market: Prices Received Monthly,  
by States and United States, 2000-2002, continued**

State and Year	Jul	Aug	Sep	Oct	Nov	Dec
	Dollars per Cwt Summer Onions Storage					
NY						
2000		22.60	19.60	11.90	12.00	12.20
2001		12.90	11.70	11.00	10.30	10.30
2002		14.00	12.70	12.50	12.10	9.90
OH						
2000		12.00	12.00	12.00	12.00	12.00
2001		15.00	15.00	15.00	15.00	15.00
2002	18.00	14.00	14.00	13.00	12.00	
OR-Malheur						
2000		10.40	9.50	10.20		
2001		11.00	10.20	8.28		
2002		9.30	9.10	8.80	9.10	
OR-Other						
2000				9.20		
2001		9.60	9.60	9.60		
2002		9.20	9.60	9.30	10.80	
WA						
2000	10.30	11.10	9.20	8.60	9.10	8.40
2001		10.80	9.85	9.20	8.70	8.10
2002	11.40	9.70	8.60	8.10	8.30	9.00
	Summer Onions Storage					
US						
2000	12.60	11.80	10.60	10.10	10.80	11.20
2001	14.50	12.00	10.90	9.32	7.56	9.41
2002	14.60	11.10	10.00	9.61	9.79	11.50
	All Summer Onions					
US						
2000	12.80	12.10	10.60	10.10	10.80	11.20
2001	15.40	12.30	10.90	9.32	7.56	9.41
2002	15.30	12.20	10.00	9.61	9.79	11.50
	All Onions					
US						
2000	13.30	12.10	10.60	10.10	10.80	11.20
2001	15.20	12.30	10.90	9.32	7.56	9.41
2002	15.10	12.20	10.00	9.61	9.79	11.50

**Sugar Crops: Marketing Year Average Price Received  
and Value of Production, United States, 2002 Crop <sup>1</sup>**

	Sugarbeets		Sugarcane <sup>2</sup>		
	Price	Value of Production	For Sugar		Sugar and Seed
			Price	Value of Production	Value of Production
	<i>Dollars per Ton</i>	<i>1,000 Dollars</i>	<i>Dollars per Ton</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
US	38.10	1,056,471	28.30	960,580	1,005,741

<sup>1</sup> Preliminary. Final prices and value of production by States will be published in "Crop Values" February 2004.

<sup>2</sup> Includes FL, HI, LA, and TX.

**Seasonal Adjustment Factors, Eggs and Milk,  
United States**

Year and Month	Eggs	Milk <sup>1</sup>
2003		
Jul	96	101
Aug	92	105
Sep	100	108
Oct	94	105
Nov	100	101
Dec	112	100
2004		
Jan	106	96
Feb	105	94
Mar	100	95
Apr	105	96
May	103	98
Jun	86	100

<sup>1</sup> All milk sold to plants and dealers.

**Malting Barley: Monthly Prices Received, Monthly Farm Marketing Percentages, and Marketing Year Average Prices, United States, 2000-2001 through 2002-2003 <sup>1</sup>**

Month	Prices Received			Farm Marketing Percentages <sup>2</sup>		
	2000-2001	2001-2002	2002-2003	2000-2001	2001-2002	2002-2003
	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Jun	2.39	2.35	2.49	3.3	4.2	2.1
Jul	2.94	2.23	2.49	10.1	6.4	2.7
Aug	2.70	2.85	2.93	24.0	25.3	16.1
Sep	2.36	2.72	2.95	7.5	10.2	12.3
Oct	2.41	2.76	2.89	6.0	7.0	9.5
Nov	2.42	2.65	3.07	7.8	10.6	8.0
Dec	2.47	2.71	3.24	9.9	10.4	13.8
Jan <sup>3</sup>	2.21	2.47	3.07	10.2	8.4	15.8
Feb	2.28	2.55	3.06	8.7	6.4	8.1
Mar	2.24	2.59	3.07	7.3	5.2	5.3
Apr	2.37	2.43	3.11	2.8	3.2	4.2
May	2.38	2.57	3.19	2.4	2.7	2.1
MYA <sup>1</sup>	2.49	2.65	3.01	100.0	100.0	100.0

<sup>1</sup> Marketing year average (MYA) prices are weighted average prices for the U.S. marketing year of June - May.

<sup>2</sup> Monthly farm marketings, based on a sample survey, as percent of total used for calculating MYA prices.

<sup>3</sup> Second year.

**Feed Barley: Monthly Prices Received, Monthly Farm Marketing Percentages, and Marketing Year Average Prices, United States, 2000-2001 through 2002-2003 <sup>1</sup>**

Month	Prices Received			Farm Marketing Percentages <sup>2</sup>		
	2000-2001	2001-2002	2002-2003	2000-2001	2001-2002	2002-2003
	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Dollars per Bushel</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Jun	1.73	1.76	1.83	4.8	9.4	6.5
Jul	1.74	1.61	1.88	5.0	5.7	7.1
Aug	1.50	1.54	2.05	17.4	14.9	11.9
Sep	1.54	1.71	2.23	16.9	10.7	18.5
Oct	1.71	1.86	2.26	11.2	9.1	11.5
Nov	1.87	1.79	2.32	8.2	8.6	9.4
Dec	1.90	1.77	2.14	8.7	13.5	11.1
Jan <sup>3</sup>	1.81	1.67	2.17	12.3	9.0	9.9
Feb	1.77	1.69	2.20	4.8	5.9	4.4
Mar	1.76	1.75	2.30	4.4	6.1	4.5
Apr	1.73	1.79	2.20	3.1	4.2	3.2
May	1.91	1.89	2.33	3.2	2.9	2.0
MYA <sup>1</sup>	1.70	1.72	2.16	100.0	100.0	100.0

<sup>1</sup> Marketing year average (MYA) prices are weighted average prices for the U.S. marketing year of June - May.

<sup>2</sup> Monthly farm marketings, based on a sample survey, as percent of total used for calculating MYA prices.

<sup>3</sup> Second year.

**Indexes of Prices Received by Farmers, by Months and Annual Average,  
United States, 1999-2003**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
All Farm Products 1910-14 = 100													
1999	616	610	618	616	620	617	602	623	611	578	591	585	607
2000	573	584	601	637	635	624	613	612	618	592	622	622	611
2001	613	635	656	672	684	682	684	698	674	600	594	598	649
2002	600	624	666	597	610	615	626	633	623	605	616	634	621
2003	633	628	629	643	672	683	659						650
1990-92 = 100													
1999	97	96	97	97	98	97	95	98	96	91	93	92	96
2000	90	92	95	100	100	98	97	96	97	93	98	98	96
2001	97	100	103	106	108	107	108	110	106	94	93	94	102
2002	95	98	105	94	96	97	99	100	98	95	97	100	98
2003	100	99	99	101	106	107	104						102
All Crops 1910-14 = 100													
1999	481	488	494	517	504	490	467	485	468	432	439	446	476
2000	436	450	469	504	508	485	466	476	479	448	477	472	473
2001	465	484	489	506	517	502	511	537	505	435	440	468	488
2002	461	499	577	492	514	515	537	556	537	499	510	528	519
2003	508	511	521	546	575	578	533						539
1990-92 = 100													
1999	98	99	100	105	102	99	95	98	95	88	89	90	97
2000	88	91	95	102	103	98	94	96	97	91	97	96	96
2001	94	98	99	103	105	102	104	109	102	88	89	95	99
2002	93	101	117	100	104	104	109	113	109	101	103	107	105
2003	103	104	106	111	117	117	108						109

<sup>1</sup> Simple average required for parity regulations. Weighted 1990-92 average equals 100. Average is year-to-date for current year.

**Indexes of Prices Received by Farmers, by Months and Annual Average,  
United States, 1999-2003**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Food Grains 1910-14 = 100													
1999	323	321	313	306	286	275	246	275	277	274	282	270	287
2000	269	270	271	271	273	267	249	258	259	280	293	300	272
2001	296	291	293	292	303	289	279	286	292	286	281	290	290
2002	283	270	270	267	274	302	333	364	409	406	388	393	330
2003	368	333	323	312	323	321	308						327
1990-92 = 100													
1999	102	101	99	96	90	87	77	87	87	86	89	85	91
2000	85	85	85	85	86	84	78	81	82	88	92	94	85
2001	93	91	92	92	95	91	88	90	92	90	89	91	91
2002	89	85	85	84	86	95	105	114	129	128	122	124	104
2003	116	105	102	98	102	101	97						103
Feed Grains and Hay 1910-14 = 100													
1999	324	327	328	328	327	322	300	304	290	271	274	292	307
2000	302	315	323	325	342	322	294	280	277	285	303	324	308
2001	319	324	325	323	322	324	339	342	331	307	308	330	325
2002	322	325	327	328	339	349	367	395	400	377	368	378	356
2003	375	380	380	382	393	390	357						380
1990-92 = 100													
1999	91	91	92	92	91	90	84	85	81	76	77	82	86
2000	84	88	90	91	96	90	82	78	78	80	85	90	86
2001	89	91	91	90	90	91	95	96	93	86	86	92	91
2002	90	91	91	92	95	98	103	110	112	106	103	106	100
2003	105	106	106	107	110	109	100						106

<sup>1</sup> Simple average required for parity regulations. Weighted 1990-92 average equals 100. Average is year-to-date for current year.

**Indexes of Prices Received by Farmers, by Months and Annual Average,  
United States, 1999-2003**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Cotton 1910-14 = 100													
1999	491	470	466	470	465	462	455	445	383	391	374	362	436
2000	364	396	403	384	402	381	412	434	428	469	490	489	421
2001	440	410	347	360	346	331	329	315	309	259	235	260	328
2002	231	237	240	230	226	285	298	279	298	330	354	356	280
2003	372	382	400	380	385	383	396						385
1990-92 = 100													
1999	96	92	91	92	91	90	89	87	75	76	73	71	85
2000	71	77	79	75	79	74	81	85	83	92	96	95	82
2001	86	80	68	70	67	65	64	62	60	51	46	51	64
2002	45	46	47	45	44	56	58	54	58	64	69	69	55
2003	73	75	78	74	75	75	77						75
Tobacco 1910-14 = 100													
1999	1678	1709	1574	1309			1300	1426	1526	1583	1591	1661	1536
2000	1683	1713	1652	1365				1474	1604	1613	1696	1722	1614
2001	1735	1752	1496	1235			1622	1574	1639	1657	1722	1709	1614
2002	1761	1704	1478				1617	1561	1574	1609	1704	1735	1639
2003	1817	1796	1552	1065									1558
1990-92 = 100													
1999	111	113	104	86			86	94	101	105	105	110	102
2000	111	113	109	90				97	106	107	112	114	107
2001	115	116	99	82			107	104	108	109	114	113	107
2002	116	113	98				107	103	104	106	113	115	108
2003	120	119	103	70									103

<sup>1</sup> Simple average required for parity regulations. Weighted 1990-92 average equals 100. Average is year-to-date for current year.

<sup>2</sup> Missing data indicates insufficient sales volume to establish a price.

**Indexes of Prices Received by Farmers, by Months and Annual Average,  
United States, 1999-2003**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Oil-Bearing Crops 1910-14 = 100													
1999	526	480	455	454	441	437	411	429	456	439	446	447	452
2000	451	471	479	487	507	480	442	432	464	444	464	481	467
2001	458	438	428	412	423	437	468	473	445	407	422	427	437
2002	415	419	432	440	455	483	528	539	483	493	530	537	480
2003	541	548	551	571	594	597	570						567
1990-92 = 100													
1999	96	88	83	83	81	80	75	78	83	80	82	82	83
2000	82	86	88	89	93	88	81	79	85	81	85	88	85
2001	84	80	78	75	77	80	86	86	81	74	77	78	80
2002	76	77	79	80	83	88	96	99	88	90	97	98	88
2003	99	100	101	104	109	109	104						104
Fruit and Nuts 1910-14 = 100													
1999	657	722	757	815	789	872	897	906	889	868	802	661	803
2000	598	614	611	677	609	731	753	761	791	777	698	565	682
2001	601	589	676	731	671	851	885	904	897	879	779	634	758
2002	581	580	656	627	727	794	820	866	870	856	767	665	734
2003	583	583	610	669	764	830	850						698
1990-92 = 100													
1999	94	103	108	117	113	125	128	130	127	124	115	95	115
2000	86	88	88	97	87	105	108	109	113	111	100	81	98
2001	86	84	97	105	96	122	127	130	128	126	112	91	109
2002	83	83	94	90	104	114	117	124	125	123	110	95	105
2003	84	84	87	96	109	119	122						100

<sup>1</sup> Simple average required for parity regulations. Weighted 1990-92 average equals 100. Average is year-to-date for current year.

**Indexes of Prices Received by Farmers, by Months and Annual Average,  
United States, 1999-2003**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Commercial Vegetables 1910-14 = 100													
1999	702	749	806	870	786	732	696	709	700	650	654	776	736
2000	654	572	718	905	873	785	795	862	956	834	963	768	807
2001	815	987	920	915	953	796	828	960	895	681	675	1006	869
2002	1055	1270	1807	808	801	740	779	799	791	711	776	1030	947
2003	766	751	811	906	942	1021	809						858
1990-92 = 100													
1999	105	112	121	130	118	110	104	106	105	97	98	116	110
2000	98	86	107	135	131	117	119	129	143	125	144	115	121
2001	122	148	138	137	143	119	124	144	134	102	101	151	130
2002	158	190	270	121	120	111	117	120	118	106	116	154	142
2003	115	112	121	136	141	153	121						128
Potatoes and Dry Beans 1910-14 = 100													
1999	489	497	520	546	532	557	610	517	451	429	474	463	507
2000	475	496	519	545	529	511	559	464	406	384	383	395	472
2001	409	450	437	466	453	486	532	632	516	461	538	578	497
2002	622	647	718	701	748	802	856	684	528	471	529	547	654
2003	549	561	555	630	604	539	533						567
1990-92 = 100													
1999	97	98	103	108	105	110	121	102	89	85	94	91	100
2000	94	98	103	108	105	101	110	92	80	76	76	78	93
2001	81	89	86	92	90	96	105	125	102	91	106	114	98
2002	123	128	142	138	148	158	169	135	104	93	105	108	129
2003	108	111	110	124	119	107	105						112

<sup>1</sup> Simple average required for parity regulations. Weighted 1990-92 average equals 100. Average is year-to-date for current year.



**Indexes of Prices Received by Farmers, by Months and Annual Average,  
United States, 1999-2003**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Other Crops 1910-14 = 100													
1999	532	532	532	532	532	532	532	532	532	532	532	532	532
2000	541	541	541	541	541	541	541	541	541	541	541	541	541
2001	554	554	554	554	554	554	554	554	554	554	554	554	554
2002	558	558	558	558	558	558	558	558	558	558	558	558	558
2003	567	567	567	567	567	567	567						567
1990-92 = 100													
1999	108	108	108	108	108	108	108	108	108	108	108	108	108
2000	110	110	110	110	110	110	110	110	110	110	110	110	110
2001	112	112	112	112	112	112	112	112	112	112	112	112	112
2002	113	113	113	113	113	113	113	113	113	113	113	113	113
2003	115	115	115	115	115	115	115						115
Food Commodities 1990-92 = 100													
1999	97	95	97	97	97	97	95	99	98	93	97	94	96
2000	90	91	94	101	100	98	98	98	99	94	100	98	97
2001	97	101	105	108	110	109	109	113	109	96	97	96	104
2002	96	99	107	93	95	95	97	97	95	93	96	99	97
2003	98	96	96	99	105	107	104						101

<sup>1</sup> Simple average required for parity regulations. Weighted 1990-92 average equals 100. Average is year-to-date for current year.

**Indexes of Prices Received by Farmers, by Months and Annual Average,  
United States, 1999-2003**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Livestock and Products 1910-14 = 100													
1999	739	717	727	694	718	729	727	750	750	739	754	723	731
2000	710	710	723	756	745	754	757	738	750	744	763	775	744
2001	764	780	821	833	846	864	857	852	848	798	760	716	812
2002	735	734	723	684	681	689	678	669	655	664	684	698	691
2003	734	729	716	718	741	760	765						738
1990-92 = 100													
1999	96	93	95	90	94	95	95	98	98	96	98	94	95
2000	93	93	94	98	97	98	99	96	98	97	99	101	97
2001	100	102	107	109	110	113	112	111	111	104	99	93	106
2002	96	96	94	89	89	90	88	87	85	87	89	91	90
2003	96	95	93	94	97	99	100						96
Meat Animals 1910-14 = 100													
1999	764	788	802	822	848	852	828	865	852	886	884	892	840
2000	913	933	962	1009	991	983	975	938	916	933	939	968	955
2001	987	999	1047	1052	1046	1055	1033	1016	976	925	873	862	989
2002	916	947	937	884	868	868	882	859	821	857	869	896	884
2003	950	964	948	974	1015	1028	1008						984
1990-92 = 100													
1999	75	77	79	81	83	84	81	85	84	87	87	88	83
2000	90	92	95	99	98	97	96	92	90	92	92	95	94
2001	97	98	103	103	103	104	102	100	96	91	86	85	97
2002	90	93	92	87	85	85	87	84	81	84	86	88	87
2003	93	95	93	96	100	101	99						97

<sup>1</sup> Simple average required for parity regulations. Weighted 1990-92 average equals 100. Average is year-to-date for current year.

**Indexes of Prices Received by Farmers, by Months and Annual Average,  
United States, 1999-2003**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Dairy Products 1910-14 = 100													
1999	1069	934	934	774	787	805	848	922	965	916	885	750	882
2000	737	725	725	731	737	756	774	768	793	768	774	799	757
2001	799	805	854	897	953	996	996	1014	1051	959	885	830	920
2002	836	805	774	768	744	707	682	694	713	744	731	731	744
2003	719	701	676	676	682	682	725						694
1990-92 = 100													
1999	133	116	116	96	98	100	106	115	120	114	110	93	110
2000	92	90	90	91	92	94	96	96	99	96	96	100	94
2001	100	100	106	112	119	124	124	126	131	119	110	103	115
2002	104	100	96	96	93	88	85	87	89	93	91	91	93
2003	90	87	84	84	85	85	90						86
Poultry and Eggs 1910-14 = 100													
1999	322	307	303	299	312	319	318	315	306	293	324	305	310
2000	282	273	276	297	287	297	299	296	320	311	334	319	299
2001	296	312	326	325	324	330	335	337	341	338	329	278	323
2002	284	271	271	244	257	280	265	262	258	243	269	270	265
2003	302	291	291	279	288	307	307						295
1990-92 = 100													
1999	115	109	108	106	111	113	113	112	109	104	115	109	110
2000	100	97	98	106	102	106	106	105	114	111	119	113	106
2001	105	111	116	116	115	117	119	120	121	120	117	99	115
2002	101	96	96	87	92	100	94	93	92	86	96	96	94
2003	108	103	103	99	102	109	109						105

<sup>1</sup> Simple average required for parity regulations. Weighted 1990-92 average equals 100. Average is year-to-date for current year.

## Reliability of Prices Received Estimates

**Definition:** Prices received represent sales from producers to first buyers. They include all grades and qualities. The average commodity price from the survey multiplied by the total quantity marketed theoretically should give the total cash receipts for the commodity.

**Survey Procedures:** Primary sales data used to determine grain prices were obtained from probability samples of 2600 mills and elevators. These procedures ensure that virtually all grain moving into commercial channels has a chance of being included in the survey. Generally, States surveyed account for 90 percent or more of total U.S. production. Livestock prices are obtained from packers, stockyards, auctions, dealers, and market check data from AMS-USDA, private marketing organizations, and state commodity groups and agencies. Inter-farm sales of grain and livestock are not included since they represent very small percentages of the total marketings. Grain marketed for seed is also excluded. Fruit and vegetable prices are obtained from sample surveys and market check data from AMS-USDA, private marketing organizations, state agencies, and universities.

**Summary and Estimation Procedures:** Survey quantities sold are expanded by strata to state levels and used to weight average strata prices to a state average. State prices are then weighted to a U.S. price based on expanded marketings. Recommendations are prepared by the State Statistical Offices and reviewed by the Agricultural Statistics Board in Washington, D.C. State recommendations are reviewed for reasonableness with survey data, other States, and recent historic estimates.

**Revisions:** For most items, the current month's preliminary price represents a 3-5 day period around the 15<sup>th</sup> of the month. Previous month's prices represent actual dollars received for quantities sold during the entire month. Revisions are published in monthly issues of *Agricultural Prices*.

**Reliability:** U.S. price estimates based on probability surveys generally have a sampling error of less than one percent for the major commodities such as corn, wheat, soybeans, cotton, and rice. Current methods of summarization for non-probability commodities are not designed directly to calculate sampling errors. However, analytical measures approximate the U.S. relative sampling errors at around five percent. Any nonsampling errors are attributed to such things as the inability to obtain correct information, differences in interpreting questions or definitions, mistakes in coding or processing the data, etc. Efforts are made at each step in the survey process to minimize these nonsampling errors.

## Prices Paid by Farmers

The July Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 127 (1990-92=100), 0.8 percent lower than June 2003 but 3.3 percent above July 2002.

**PRODUCTION INDEX:** The July index for items used in production, at 123, is unchanged from last month but 3.4 percent above last year. Lower prices in July for feed grains, feeder pigs, nitrogen fertilizers, and hay and forages offset higher prices for feeder cattle, LP gas, feed supplements, and gasoline.

**Feed:** The index, at 113, is 1.7 percent less than June and 0.9 percent below last July. Since June, lower prices for feed grains, hay and forages, and feed concentrates more than offset higher prices for feed supplements and complete feeds.

**Livestock & Poultry:** The index for livestock and poultry purchases, at 106, is 2.9 percent higher than last month and 10 percent above last year. Higher prices for feeder cattle and milk cows in the current index more than offset lower prices for feeder pigs. The July feeder cattle price, at \$90.50 per cwt, is up \$4.50 per cwt from the June price. Feeder pigs declined \$16.50 per cwt during July to \$79.00 per cwt.

**Fertilizer:** The index, at 122, is down 1.6 percent from June but 13 percent more than July a year ago. Since June, prices are lower for nitrogen fertilizers, potash and phosphate materials, and mixed fertilizers.

**Agricultural Chemicals:** The chemicals index, at 118, is down 0.8 percent from last month and 0.8 percent below last July. Lower prices in July for fungicides and other chemicals more than offset higher prices for insecticides.

**Fuels:** The index, at 139, is up 2.2 percent from a month earlier and 23 percent above July 2002. Compared to last month, prices are higher for LP gas, gasoline, and diesel fuel.

**Farm Machinery:** The July index is 149, unchanged from June but 0.7 percent above last July.

**CONSUMER PRICE INDEX:** The June 2003 Consumer Price Index for all urban consumers (CPI-U) rose 0.1 percent before seasonal adjustment to a level of 183.7 (1982-84=100). This compares to the May index of 183.5. For the 12-month period ending in June, the overall index has increased 2.1 percent.

**Indexes of Prices Paid by Farmers and Related Parity Ratios  
United States, July 2003 With Comparisons**

Indexes and Ratios	1910-14 = 100			1990-92 = 100		
	2002	2003		2002	2003	
	Jul	Jun	Jul	Jul	Jun	Jul
Prices Paid by Farmers for Commodities & Services, Interest, Taxes, & Wage Rates (PPITW)	*1,640	*1,698	1,697	123	*128	127
Production	*1,154	*1,197	1,196	119	123	123
Feed	*556	*562	553	114	*115	113
Livestock and Poultry	1,223	*1,322	1,357	96	*103	106
Seeds	1,426	1,553	1,553	144	157	157
Fertilizer	*394	*456	448	108	*124	122
Agricultural Chemicals	*735	*739	732	119	*119	118
Fuels	*870	*1,049	1,069	*113	*136	139
Supplies & Repairs	*929	*944	944	131	133	133
Autos & Trucks	3,054	*3,029	3,010	115	114	113
Farm Machinery	*3,703	*3,734	3,734	*148	149	149
Building Material	1,658	1,675	1,677	122	123	123
Farm Services & Rent	1,432	*1,451	1,451			
Farm Services				121	*123	123
Rent				119	120	120
Interest <sup>1</sup>	2,615	2,599	2,599	104	104	104
Taxes <sup>2</sup>	3,378	3,426	3,426	126	128	128
Wage Rates	5,537	5,919	5,919	148	158	158
Production, Interest, Taxes, & Wage Rates (PITW)	*1,625	*1,687	1,686	121	126	126
Family Living-CPI <sup>3</sup>	1,711	*1,745	1,745	134	136	136
Ratio (Received/Paid) Parity Ratio <sup>4</sup>	38	40	39	80	*84	82
Parity Ratio Adjusted <sup>5</sup>	41	*44	42			
PPITW Adjusted for Productivity <sup>6</sup>	1129	*1174	1174			
Crop Sector (PPITW)				126	131	131
Livestock Sector (PPITW)				120	124	124
Farm Sector (Production)				112	*117	117
Non-Farm Sector (Production)				122	126	126

\* Revised.

<sup>1</sup> Interest per acre on farm real estate debt and interest rate on farm non-real estate debt.

<sup>2</sup> Farm real estate taxes payable per acre.

<sup>3</sup> Bureau of Labor Statistics, Consumer Price Index for all urban consumers (CPI-U), for the previous month converted by the USDA.

<sup>4</sup> Ratio of index of prices received to PPITW (1910-14=100).

<sup>5</sup> Based on estimated cash receipts, from marketings and government payments, the preliminary adjustment factor is 1.086 for 2003 and the revised factor is 1.069 for 2002.

<sup>6</sup> PPITW is adjusted based on productivity trend for the prior 15 years.

**Prices Paid Indexes and Annual Weights for Input Components and  
Sub-Components United States, July 2003 With Comparisons**

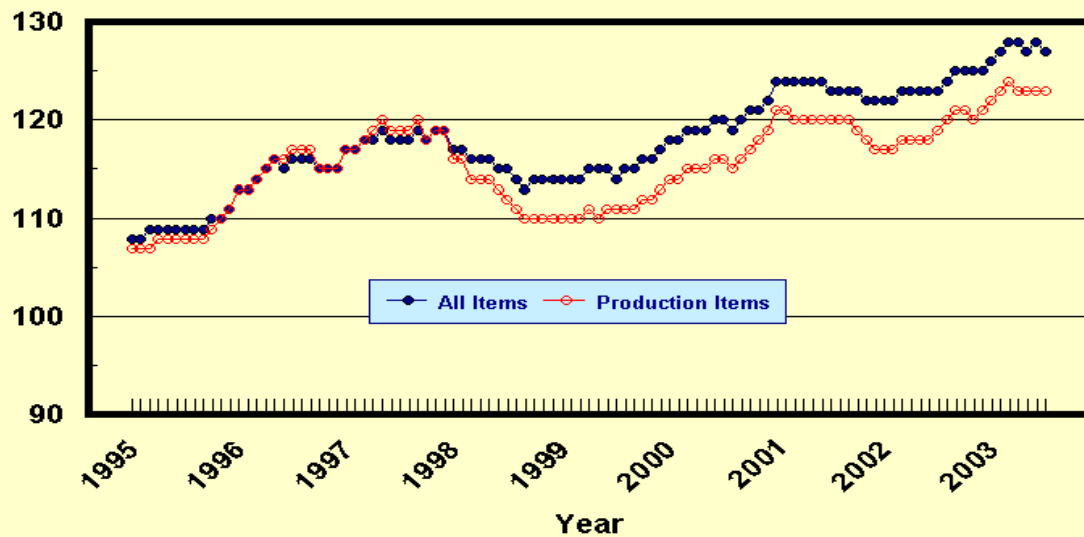
Index	Relative Weights 5-Year Moving Average <sup>1</sup>		Input Indexes		
	2002	2003	2002	2003	
	<i>Percent</i>	<i>Percent</i>	Jul <i>(1990-92=100)</i>	Jun <i>(1990-92=100)</i>	Jul <i>(1990-92=100)</i>
Production Items	66.9	66.7	119	123	123
Feed	11.3	11.0	114	*115	113
Feed Grains	1.6	1.6	94	101	91
Complete Feeds	5.5	5.4	*115	113	113
Hay/Forages	1.4	1.4	120	122	117
Concentrates	1.8	1.7	119	*121	121
Supplements	0.9	0.9	126	*132	134
Livestock & Poultry	6.8	7.2	96	*103	106
Feeder Cattle	5.3	5.6	94	102	107
Feeder Pigs	0.5	0.6	52	*104	86
Milk Cow Replacements	0.6	0.6	148	115	116
Poultry	0.4	0.4	111	111	111
Seeds	3.1	3.2	144	157	157
Field Crops	2.8	2.9	147	162	162
Grasses/Legumes	0.3	0.3	118	109	109
Fertilizer	4.7	4.5	108	*124	122
Mixed Fertilizer	2.1	2.0	105	112	112
Nitrogen	2.0	1.9	*111	142	138
Potash & Phosphate	0.7	0.6	*105	*109	106
Agricultural Chemicals	3.9	3.8	119	*119	118
Herbicides	2.5	2.4	*111	112	112
Insecticides	0.9	0.9	140	*148	150
Fungicides/Other	0.6	0.5	118	*105	96
Fuels	2.7	2.7	*113	*136	139
Diesel	1.5	1.5	*110	*124	125
Gasoline	0.8	0.8	*117	*139	141
LP Gas	0.4	0.4	*115	179	191
Farm Supplies & Repairs	5.5	5.5	131	133	133
Supplies	1.8	1.8	124	124	124
Repairs	3.7	3.6	134	137	137
Autos & Trucks	1.7	1.8	115	114	113
Autos	0.2	0.2	109	*107	107
Trucks	1.5	1.5	116	115	114
Farm Machinery	4.0	4.0	148	149	149
Tractors	0.9	0.9	140	*141	141
Self-Propelled	1.6	1.6	*147	148	148
Other Machinery	1.5	1.5	*153	155	155
Building Materials	3.1	3.1	122	123	123
Farm Services	12.3	12.4	121	*123	123
Custom Rates	1.3	1.3	120	120	120
Other Services	11.1	11.1	121	*123	123
Rent	7.7	7.4	119	120	120
Cash	4.2	4.0	143	145	145
Share	3.6	3.4	91	91	91
Interest	4.8	4.7	104	104	104
Taxes	3.0	3.0	126	128	128
Wage Rates	7.3	7.4	148	158	158
Family Living-CPI	18.0	18.2	134	136	136

\* Revised.

<sup>1</sup> Weights may not add due to rounding.

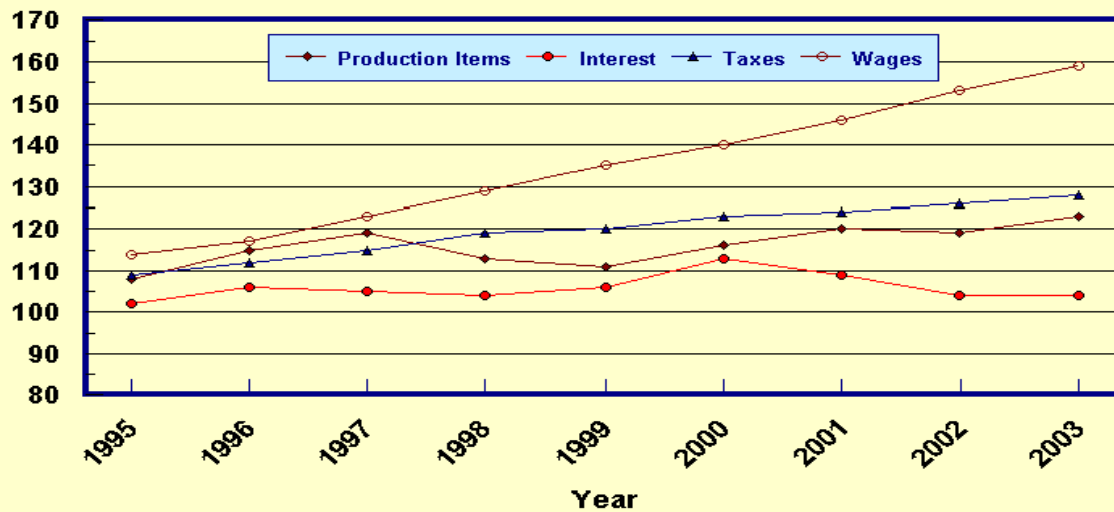
## Prices Paid by Farmers, Major Indexes US, by Quarter and Month

Percent (1990-92=100)



## Prices Paid by Farmers, Major Indexes US, Annual Averages 1/

Percent (1990-92=100)

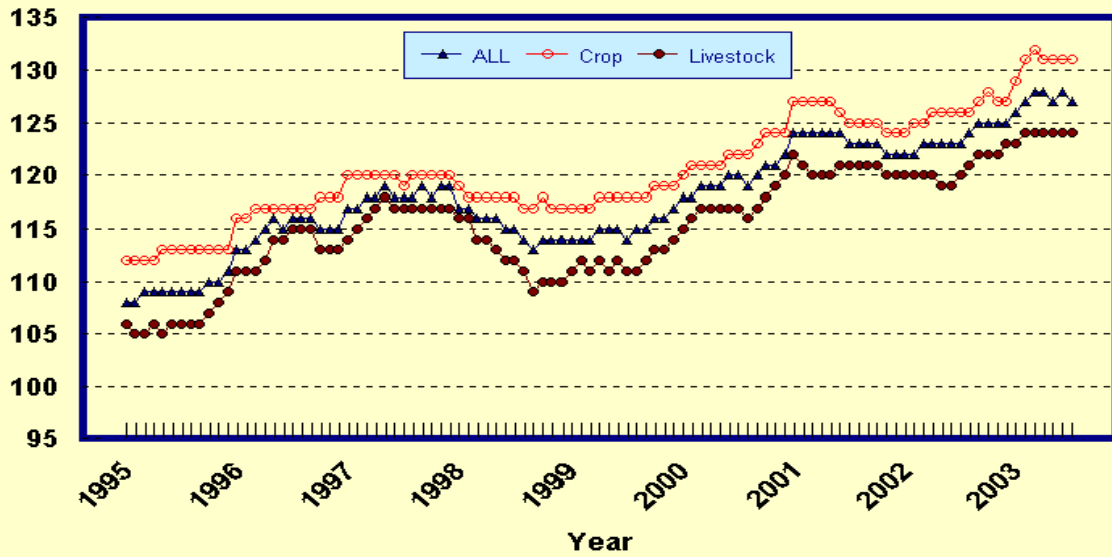


1/ Index values for 2003 are year-to-date averages.



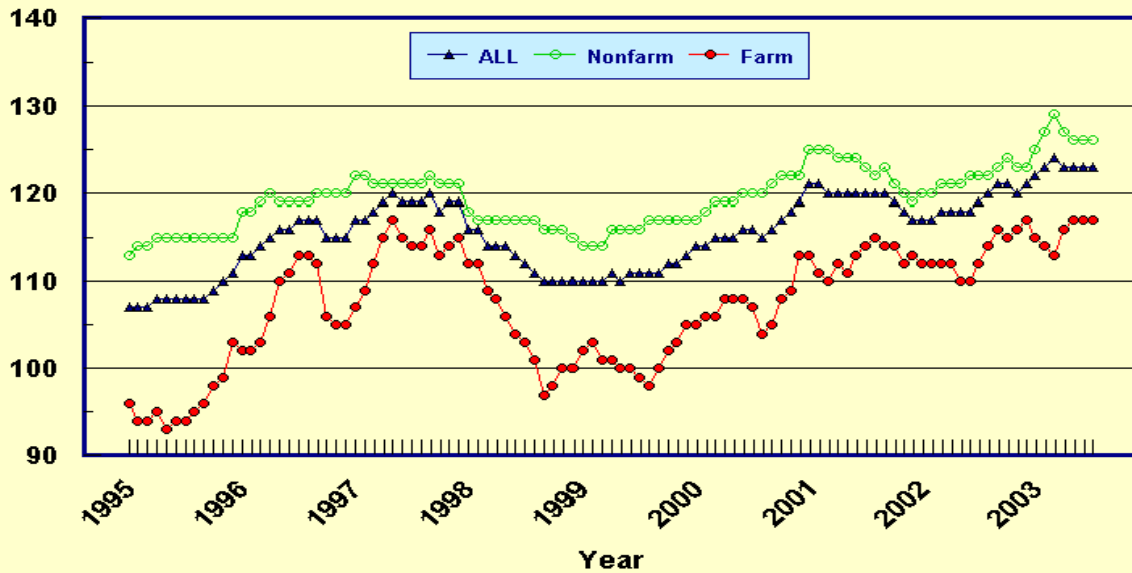
## Prices Paid by Farmers, Indexes, All Items US, By Farm Type

Percent (1990-92=100)



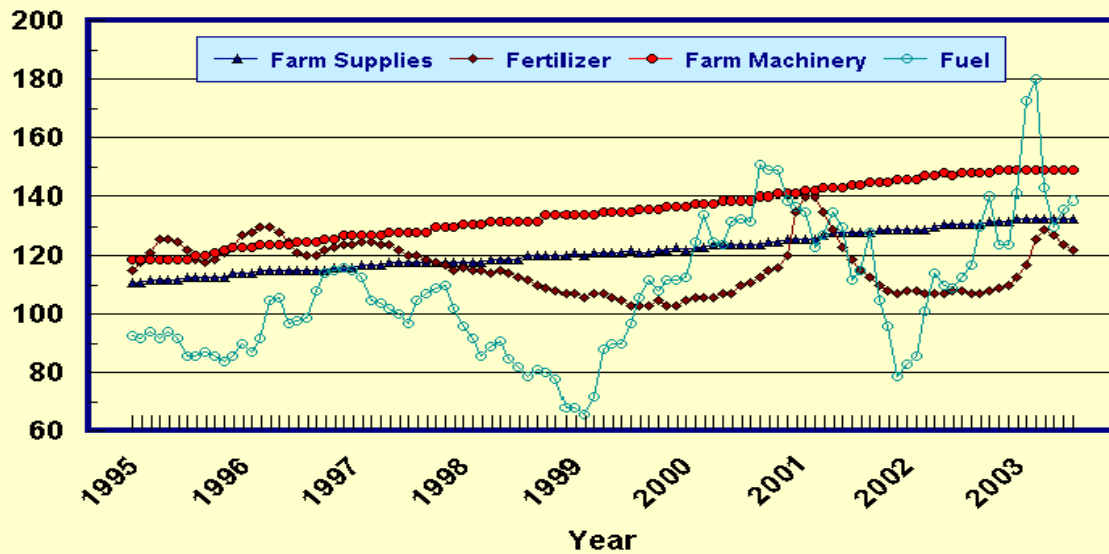
## Prices Paid by Farmers, Indexes, All Production Items US, By Sector Origin

Percent (1990-92=100)



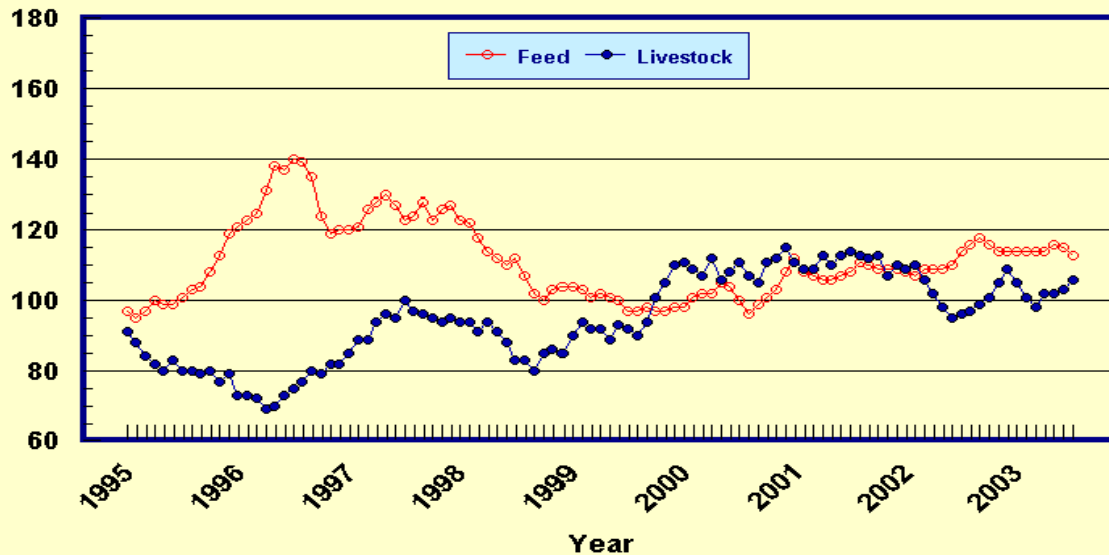
## Prices Paid by Farmers, Selected Production Indexes US, By Non-Farm Sector

Percent (1990-92=100)



## Prices Paid by Farmers, Selected Production Indexes US, By Farm Sector

Percent (1990-92=100)



**Feed Price Ratios: United States, July 2003 with Comparisons**

Feed Price Ratio <sup>1</sup>	2002	2003	
	Jul	Jun	Jul
Broiler-Feed: Pounds of Broiler Grower Feed equal in value to 1 pound of broiler, live weight	5.0	5.4	5.8
Market Egg Feed: Pounds of Laying Feed equal in Value to 1 dozen eggs	7.5	*8.8	10.0
Hog-Corn: Bushels of Corn equal in value to 100 pounds of hog, live weight	18.4	*19.2	20.1
Milk-Feed: Pounds of 16% Mixed Dairy Feed equal in value to 1 pound of Whole Milk	2.34	*2.23	2.58
Steer & Heifer-Corn: Bushels of Corn equal in value to 100 pounds of Steer & Heifers, live weight	31.2	*33.6	37.1
Turkey-Feed: Pounds of Turkey Grower equal in value to 1 pound of Turkey, live weight	6.9	5.7	5.9

\* Revised.

<sup>1</sup> Effective January 1995, prices of commercial prepared feeds are based on current U.S. prices received for corn, soybeans, alfalfa hay, and all wheat.

**Prices Used to Calculate Feed Price Ratios:  
United States, July 2003 with Comparisons**

Commodity	Unit	2002	2003	
		Jul	Jun	Jul
Broilers, Live	Lb	0.300	0.360	0.360
Eggs, Market	Doz	0.382	0.499	0.524
Hogs, All	Cwt	39.20	*45.00	42.00
Milk, All	Cwt	11.10	11.10	11.80
Steers and Heifers	Cwt	66.50	*78.70	77.60
Turkeys, Live	Lb	0.386	0.344	0.331
Corn	Bu	2.13	*2.34	2.09
Hay, Alfalfa, Baled	Ton	102.00	98.90	92.70
Soybeans	Bu	5.35	6.09	5.84
Wheat, All	Bu	3.21	*3.07	2.93

\* Revised.

**Feeder Livestock: Prices Paid, United States  
July 2003 with Comparisons**

Commodity	Unit	2002	2003	
		Jul	Jun	Jul
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Feeders and Stockers				
Cattle and Calves	Cwt	79.20	86.00	90.50
Feeder Pigs	Cwt	48.00	*95.50	79.00

\* Revised.

**Prices Paid Indexes: Monthly and Annual Average  
United States, 1999-03**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Commodities and Services, Interest, Taxes, and Wage Rates (PPITW) 1910-14 = 100													
1999	1522	1521	1521	1529	1525	1528	1522	1525	1533	1543	1546	1552	1531
2000	1567	1577	1585	1587	1587	1594	1593	1583	1596	1611	1616	1626	1594
2001	1656	1651	1646	1646	1646	1647	1641	1642	1644	1636	1626	1620	1642
2002	1628	1628	1634	1639	1634	1637	1640	1648	1658	1665	1661	1666	1645
2003	1683	1697	1704	1699	1696	1698	1697						1696
1990-92 = 100													
1999	114	114	114	115	115	115	114	115	115	116	116	117	115
2000	118	118	119	119	119	120	120	119	120	121	121	122	120
2001	124	124	124	124	124	124	123	123	123	123	122	122	123
2002	122	122	123	123	123	123	123	124	125	125	125	125	124
2003	126	127	128	128	127	128	127						127
Items Used for Production, Interest, Taxes, and Wage Rates (PITW) 1910-14 = 100													
1999	1513	1513	1511	1519	1513	1517	1509	1512	1519	1531	1534	1543	1520
2000	1560	1569	1576	1579	1578	1585	1583	1570	1585	1602	1609	1620	1585
2001	1654	1647	1640	1638	1637	1638	1631	1632	1633	1625	1614	1608	1633
2002	1616	1615	1620	1624	1618	1621	1625	1633	1644	1653	1648	1654	1631
2003	1674	1688	1694	1688	1685	1687	1686						1686
1990-92 = 100													
1999	113	113	112	113	113	113	112	113	113	114	114	115	113
2000	116	117	117	118	117	118	118	117	118	119	120	121	118
2001	123	123	122	122	122	122	121	122	122	121	120	120	122
2002	120	120	121	121	120	121	121	122	122	123	123	123	121
2003	125	126	126	126	125	126	126						126

<sup>1</sup> Simple average and is year-to-date for current year.

**Prices Paid Indexes: Monthly and Annual Average  
United States, 1999-03**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Items Used for Production 1910-14 = 100													
1999	1070	1069	1068	1076	1072	1075	1072	1074	1081	1088	1090	1097	1078
2000	1102	1110	1116	1119	1118	1124	1125	1114	1127	1136	1142	1152	1124
2001	1176	1170	1164	1169	1167	1168	1162	1164	1165	1152	1142	1137	1161
2002	1139	1138	1143	1149	1144	1146	1154	1162	1171	1172	1168	1173	1155
2003	1182	1195	1200	1198	1195	1197	1196						1195
1990-92 = 100													
1999	110	110	110	111	110	111	111	111	111	112	112	113	111
2000	114	114	115	115	115	116	116	115	116	117	118	119	116
2001	121	121	120	120	120	120	120	120	120	119	118	117	120
2002	117	117	118	118	118	118	119	120	121	121	120	121	119
2003	122	123	124	123	123	123	123						123
Feed 1910-14 = 100													
1999	509	503	491	498	493	487	474	475	477	475	475	478	486
2000	480	492	499	497	513	506	490	469	484	495	504	529	497
2001	545	529	520	517	518	521	529	542	538	533	532	534	530
2002	529	524	530	534	531	539	556	568	578	565	557	556	547
2003	557	558	559	555	567	562	553						559
1990-92 = 100													
1999	104	103	101	102	101	100	97	97	98	97	97	98	100
2000	98	101	102	102	105	104	100	96	99	101	103	108	102
2001	112	108	107	106	106	107	108	111	110	109	109	109	109
2002	108	107	109	109	109	110	114	116	118	116	114	114	112
2003	114	114	114	114	116	115	113						114

<sup>1</sup> Simple average and is year-to-date for current year.

**Prices Paid Indexes: Monthly and Annual Average  
United States, 1999-03**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Livestock and Poultry 1910-14 = 100													
1999	1154	1199	1177	1180	1142	1184	1177	1156	1203	1288	1338	1404	1217
2000	1417	1391	1374	1428	1349	1381	1423	1372	1344	1415	1436	1465	1400
2001	1418	1387	1399	1440	1403	1442	1454	1440	1430	1446	1373	1401	1419
2002	1394	1405	1361	1301	1250	1212	1223	1245	1259	1287	1340	1394	1306
2003	1340	1297	1254	1309	1303	1322	1357						1312
1990-92 = 100													
1999	90	94	92	92	89	93	92	90	94	101	105	110	95
2000	111	109	107	112	106	108	111	107	105	111	112	115	110
2001	111	109	109	113	110	113	114	113	112	113	107	110	111
2002	109	110	106	102	98	95	96	97	99	101	105	109	102
2003	105	101	98	102	102	103	106						102
Seeds 1910-14 = 100													
1999	1216	1216	1216	1196	1196	1196	1196	1196	1196	1196	1196	1196	1201
2000	1196	1196	1196	1238	1238	1238	1238	1238	1238	1238	1238	1238	1228
2001	1238	1238	1238	1329	1329	1329	1329	1329	1329	1329	1329	1329	1306
2002	1329	1329	1329	1426	1426	1426	1426	1426	1426	1426	1426	1426	1402
2003	1426	1426	1426	1553	1553	1553	1553						1499
1990-92 = 100													
1999	123	123	123	121	121	121	121	121	121	121	121	121	122
2000	121	121	121	125	125	125	125	125	125	125	125	125	124
2001	125	125	125	134	134	134	134	134	134	134	134	134	132
2002	134	134	134	144	144	144	144	144	144	144	144	144	142
2003	144	144	144	157	157	157	157						151

<sup>1</sup> Simple average and is year-to-date for current year.

**Prices Paid Indexes: Monthly and Annual Average  
United States, 1999-03**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Fertilizer 1910-14 = 100													
1999	390	390	393	394	389	385	379	378	378	383	378	379	385
2000	384	388	388	390	391	391	403	406	414	422	427	440	404
2001	497	513	513	495	473	452	436	421	412	403	398	393	451
2002	394	395	394	391	393	397	394	393	392	395	399	402	395
2003	413	429	463	471	464	456	448						449
1990-92 = 100													
1999	107	106	107	107	106	105	103	103	103	105	103	103	105
2000	105	106	106	106	107	107	110	111	113	115	116	120	110
2001	135	140	140	135	129	123	119	115	113	110	108	107	123
2002	108	108	107	107	107	108	108	107	107	108	109	110	108
2003	113	117	126	129	127	124	122						123
Agricultural Chemicals 1910-14 = 100													
1999	756	740	751	751	741	747	741	749	748	756	738	737	746
2000	738	740	742	737	742	743	743	742	744	743	739	744	741
2001	761	748	746	747	747	745	743	741	739	739	742	739	745
2002	739	731	735	733	733	734	735	736	737	731	731	742	735
2003	744	743	742	746	746	739	732						742
1990-92 = 100													
1999	122	120	121	122	120	121	120	121	121	122	119	119	121
2000	119	120	120	119	120	120	120	120	120	120	120	120	120
2001	123	121	121	121	121	120	120	120	120	120	120	120	121
2002	120	118	119	119	119	119	119	119	119	118	118	120	119
2003	120	120	120	121	121	119	118						120

<sup>1</sup> Simple average and is year-to-date for current year.

**Prices Paid Indexes: Monthly and Annual Average  
United States, 1999-03**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Fuels 1910-14 = 100													
1999	528	506	553	677	698	691	747	819	864	835	862	861	720
2000	875	967	1036	963	954	1017	1028	1016	1165	1152	1154	1070	1033
2001	1061	1043	948	983	1044	1004	861	889	985	807	744	608	915
2002	644	661	783	878	853	838	870	903	1001	1079	955	957	869
2003	1090	1334	1392	1105	1007	1049	1069						1149
1990-92 = 100													
1999	68	66	72	88	90	90	97	106	112	108	112	112	93
2000	113	125	134	125	124	132	133	132	151	149	149	139	134
2001	137	135	123	127	135	130	112	115	128	105	96	79	119
2002	83	86	101	114	110	109	113	117	130	140	124	124	113
2003	141	173	180	143	130	136	139						149
Farm Supplies and Repairs 1910-14 = 100													
1999	856	855	858	860	859	860	863	862	861	866	867	871	862
2000	869	871	872	878	878	879	882	882	883	886	891	893	880
2001	895	895	896	900	905	906	911	912	912	912	913	913	906
2002	915	918	917	925	927	927	929	929	929	935	935	935	927
2003	941	941	942	943	943	944	944						943
1990-92 = 100													
1999	121	120	121	121	121	121	122	121	121	122	122	123	121
2000	122	123	123	124	124	124	124	124	124	125	125	126	124
2001	126	126	126	127	128	128	128	128	128	129	129	129	128
2002	129	129	129	130	131	131	131	131	131	132	132	132	131
2003	133	133	133	133	133	133	133						133

<sup>1</sup> Simple average and is year-to-date for current year.



**Prices Paid Indexes: Monthly and Annual Average  
United States, 1999-03**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Autos and Trucks 1910-14 = 100													
1999	3182	3177	3168	3171	3164	3163	3154	3142	3144	3160	3179	3188	3166
2000	3175	3165	3173	3182	3178	3168	3154	3142	3126	3129	3151	3172	3160
2001	3179	3171	3158	3155	3145	3132	3120	3099	3093	3117	3153	3169	3141
2002	3146	3107	3093	3086	3073	3061	3054	3041	3059	3076	3093	3099	3082
2003	3083	3074	3076	3061	3047	3029	3010						3054
1990-92 = 100													
1999	120	119	119	119	119	119	119	118	118	119	120	120	119
2000	119	119	119	120	120	119	119	118	118	118	119	119	119
2001	120	119	119	119	118	118	117	117	116	117	119	119	118
2002	118	117	116	116	116	115	115	114	115	116	116	117	116
2003	116	116	116	115	115	114	113						115
Farm Machinery 1910-14 = 100													
1999	3360	3363	3366	3377	3384	3389	3394	3399	3408	3417	3431	3436	3394
2000	3442	3452	3461	3474	3481	3484	3489	3495	3511	3521	3530	3538	3490
2001	3544	3561	3568	3580	3589	3594	3602	3607	3627	3643	3649	3654	3602
2002	3668	3674	3694	3700	3702	3698	3703	3704	3717	3722	3728	3727	3703
2003	3727	3728	3728	3737	3734	3734	3734						3732
1990-92 = 100													
1999	134	134	134	135	135	135	135	136	136	136	137	137	135
2000	137	138	138	138	139	139	139	139	140	140	141	141	139
2001	141	142	142	143	143	143	144	144	145	145	145	146	144
2002	146	146	147	147	148	147	148	148	148	148	149	149	148
2003	149	149	149	149	149	149	149						149

<sup>1</sup> Simple average and is year-to-date for current year.

**Prices Paid Indexes: Monthly and Annual Average  
United States, 1999-03**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Building Materials 1910-14 = 100													
1999	1606	1610	1616	1618	1623	1634	1645	1644	1635	1630	1633	1637	1628
2000	1644	1648	1654	1657	1651	1653	1648	1644	1643	1642	1641	1639	1647
2001	1636	1641	1642	1644	1657	1658	1652	1652	1649	1643	1642	1639	1646
2002	1642	1642	1647	1652	1655	1656	1658	1669	1663	1658	1653	1652	1654
2003	1655	1663	1664	1670	1672	1675	1677						1668
1990-92 = 100													
1999	118	119	119	119	119	120	121	121	120	120	120	121	120
2000	121	121	122	122	121	122	121	121	121	121	121	121	121
2001	120	121	121	121	122	122	122	122	121	121	121	121	121
2002	121	121	121	122	122	122	122	123	122	122	122	122	122
2003	122	122	122	123	123	123	123						123
Farm Services and Rent <sup>2</sup> 1910-14 = 100													
1999	1358	1359	1359	1359	1361	1368	1370	1369	1371	1367	1364	1365	1364
2000	1365	1367	1369	1369	1369	1379	1381	1381	1382	1377	1374	1375	1374
2001	1413	1413	1416	1416	1418	1430	1434	1432	1430	1423	1417	1417	1422
2002	1422	1422	1421	1420	1421	1432	1432	1433	1432	1426	1424	1425	1426
2003	1436	1437	1438	1441	1442	1451	1451						1442
Farm Services 1990-92 = 100													
1999	115	115	115	115	115	116	116	116	116	116	115	116	116
2000	117	118	118	118	118	119	119	119	120	119	118	119	119
2001	120	120	120	120	120	122	122	122	122	121	120	120	121
2002	120	120	120	119	120	121	121	121	121	120	120	120	120
2003	121	121	121	122	122	123	123						122
Rent 1990-92 = 100													
1999	113	113	113	113	113	113	113	113	113	113	113	113	113
2000	110	110	110	110	110	110	110	110	110	110	110	110	110
2001	117	117	117	117	117	117	117	117	117	117	117	117	117
2002	119	119	119	119	119	119	119	119	119	119	119	119	119
2003	120	120	120	120	120	120	120						120

<sup>1</sup> Simple average and is year-to-date for current year.

<sup>2</sup> For the 1990-92=100 base period, the Farm Services and Rent Index is separated.

**Prices Paid Indexes: Monthly and Annual Average  
United States, 1999-03**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Interest 1910-14 = 100													
1999	2663	2663	2663	2663	2663	2663	2663	2663	2663	2663	2663	2663	2663
2000	2825	2825	2825	2825	2825	2825	2825	2825	2825	2825	2825	2825	2825
2001	2738	2738	2738	2738	2738	2738	2738	2738	2738	2738	2738	2738	2738
2002	2615	2615	2615	2615	2615	2615	2615	2615	2615	2615	2615	2615	2615
2003	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599
1990-92 = 100													
1999	106	106	106	106	106	106	106	106	106	106	106	106	106
2000	113	113	113	113	113	113	113	113	113	113	113	113	113
2001	109	109	109	109	109	109	109	109	109	109	109	109	109
2002	104	104	104	104	104	104	104	104	104	104	104	104	104
2003	104	104	104	104	104	104	104	104	104	104	104	104	104
Taxes 1910-14 = 100													
1999	3214	3214	3214	3214	3214	3214	3214	3214	3214	3214	3214	3214	3214
2000	3281	3281	3281	3281	3281	3281	3281	3281	3281	3281	3281	3281	3281
2001	3330	3330	3330	3330	3330	3330	3330	3330	3330	3330	3330	3330	3330
2002	3378	3378	3378	3378	3378	3378	3378	3378	3378	3378	3378	3378	3378
2003	3426	3426	3426	3426	3426	3426	3426	3426	3426	3426	3426	3426	3426
1990-92 = 100													
1999	120	120	120	120	120	120	120	120	120	120	120	120	120
2000	123	123	123	123	123	123	123	123	123	123	123	123	123
2001	124	124	124	124	124	124	124	124	124	124	124	124	124
2002	126	126	126	126	126	126	126	126	126	126	126	126	126
2003	128	128	128	128	128	128	128	128	128	128	128	128	128
Wage Rates 1910-14 = 100													
1999	5130	5130	5130	5059	5059	5059	4898	4898	4898	5059	5059	5059	5037
2000	5234	5234	5234	5227	5227	5227	5124	5124	5124	5357	5357	5357	5236
2001	5596	5596	5596	5369	5369	5369	5357	5357	5357	5550	5550	5550	5468
2002	5796	5796	5796	5705	5705	5705	5537	5537	5537	5783	5783	5783	5705
2003	6035	6022	6022	5919	5919	5919	5919	5919	5919	5919	5919	5919	5965
1990-92 = 100													
1999	137	137	137	135	135	135	131	131	131	135	135	135	135
2000	140	140	140	140	140	140	137	137	137	143	143	143	140
2001	150	150	150	144	144	144	143	143	143	148	148	148	146
2002	155	155	155	153	153	153	148	148	148	155	155	155	153
2003	161	161	161	158	158	158	158	158	158	158	158	158	159

<sup>1</sup> Simple average and is year-to-date for current year.

**Prices Paid Indexes: Monthly and Annual Average  
United States, 1999-03**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Family Living 1910-14 = 100													
1999	1560	1562	1567	1579	1579	1579	1583	1587	1595	1598	1598	1598	1582
2000	1603	1613	1626	1627	1629	1637	1641	1641	1650	1653	1654	1653	1636
2001	1663	1670	1673	1680	1688	1691	1686	1686	1693	1688	1685	1678	1682
2002	1682	1689	1698	1708	1708	1709	1711	1716	1719	1722	1722	1718	1709
2003	1726	1739	1749	1746	1743	1745	1745						1742
1990-92 = 100													
1999	122	122	122	123	123	123	124	124	125	125	125	125	124
2000	125	126	127	127	127	128	128	128	129	129	129	129	128
2001	130	130	131	131	132	132	132	132	132	132	132	131	131
2002	131	132	133	133	133	133	134	134	134	134	134	134	133
2003	135	136	137	136	136	136	136						136
Production Items With Farm Origin <sup>2</sup> 1990-92 = 100													
1999	102	103	101	101	100	100	99	98	100	102	103	105	101
2000	105	106	106	108	108	108	107	104	105	108	109	113	107
2001	113	111	110	112	111	113	114	115	114	114	112	113	113
2002	112	112	112	112	110	110	112	114	116	115	116	117	113
2003	115	114	113	116	117	117	117						116
Production Items With Non-Farm Origin <sup>3</sup> 1990-92 = 100													
1999	114	114	114	116	116	116	116	117	117	117	117	117	116
2000	117	118	119	119	119	120	120	120	121	122	122	122	120
2001	125	125	125	124	124	124	123	122	123	121	120	119	123
2002	120	120	121	121	121	122	122	122	123	123	123	123	122
2003	125	127	129	127	126	126	126						127

<sup>1</sup> Simple average and is year-to-date for current year.

<sup>2</sup> Feed, livestock and poultry purchases, and seed.

<sup>3</sup> Fertilizer, agricultural chemicals, fuels, farm supplies and repairs, autos and trucks, farm machinery, building materials, and farm services and rent.

**Prices Paid Indexes: Monthly and Annual Average  
United States, 1999-03**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Parity Ratio <sup>2</sup> 1910-14 = 100													
1999	40	40	41	40	41	40	40	41	40	37	38	38	40
2000	37	37	38	40	40	39	38	39	39	37	38	38	38
2001	37	38	40	41	42	41	42	43	41	37	37	37	40
2002	37	38	41	36	37	38	38	38	38	36	37	38	38
2003	38	37	37	38	40	40	39						38
Adjusted Parity Ratio <sup>3</sup> 1910-14 = 100													
1999	45	45	45	45	45	45	44	46	44	42	43	42	44
2000	41	41	42	45	45	44	43	43	43	41	43	43	43
2001	41	42	44	45	46	46	46	47	45	40	40	41	44
2002	39	41	44	39	40	40	41	41	40	39	40	41	40
2003	41	40	40	41	43	44	42						42
Ratio 1990-92 = 100													
1999	85	84	85	84	85	84	83	85	83	78	80	79	83
2000	76	78	80	84	84	82	81	81	81	77	81	80	80
2001	78	81	83	85	87	86	88	89	86	76	76	77	83
2002	78	80	85	76	78	79	80	81	78	76	78	80	79
2003	79	78	77	79	83	84	82						80

<sup>1</sup> Simple average and is year-to-date for current year.

<sup>2</sup> Ratio of index of prices received by farmers to index of prices paid for commodities and services, interest, taxes, and wage rates.

<sup>3</sup> Ratio of the index of prices received by farmers after adjustment for government payments to the index of prices paid for commodities and services, interest, taxes, and wage rates.

**Prices Paid Indexes: Monthly and Annual Average  
United States, 1999-03**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Crop Sector (PPITW) 1990-92 = 100													
1999	117	117	117	118	118	118	118	118	118	119	119	119	118
2000	120	121	121	121	121	122	122	122	123	124	124	124	122
2001	127	127	127	127	127	126	125	125	125	125	124	124	126
2002	124	125	125	126	126	126	126	126	127	128	127	127	126
2003	129	131	132	131	131	131	131						131
Livestock Sector (PPITW) 1990-92 = 100													
1999	111	112	111	112	111	112	111	111	112	113	113	114	112
2000	115	116	117	117	117	117	117	116	117	118	119	120	117
2001	122	121	120	120	120	121	121	121	121	121	120	120	121
2002	120	120	120	120	119	119	120	121	122	122	122	123	121
2003	123	124	124	124	124	124	124						124
Commodities and Services, Interest, Taxes, and Wage Rates Adjusted for Productivity 1910-14 = 100													
1999	1049	1049	1049	1048	1047	1048	1037	1038	1041	1053	1054	1055	1047
2000	1079	1083	1086	1086	1086	1089	1083	1081	1084	1103	1104	1105	1089
2001	1131	1131	1131	1117	1118	1119	1116	1116	1118	1128	1126	1124	1123
2002	1140	1141	1143	1139	1139	1139	1129	1131	1133	1151	1151	1151	1141
2003	1176	1180	1183	1174	1173	1174	1174						1176

<sup>1</sup> Simple average and is year-to-date for current year.

**Prices Paid Index Sub-Components: Monthly and Annual Average  
United States, 1999-03**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Feed Sub-Components													
Feed Grains													
1990-92 = 100													
1999	87	87	87	86	84	83	75	76	75	72	73	77	80
2000	81	84	87	87	90	83	72	67	70	75	81	86	80
2001	85	85	84	81	79	79	83	83	84	81	82	86	83
2002	86	84	85	83	84	88	94	104	107	103	101	102	93
2003	102	103	102	102	104	101	91						101
Complete Feeds													
1990-92 = 100													
1999	109	108	105	106	104	104	102	101	102	102	101	102	104
2000	102	103	104	104	105	105	104	100	101	103	104	108	104
2001	114	112	109	107	106	107	108	113	112	112	111	112	110
2002	111	110	111	112	110	113	115	116	118	117	115	115	114
2003	115	114	114	112	112	113	113						113
Hay and Forages													
1990-92 = 100													
1999	104	105	103	104	112	104	102	101	100	99	99	96	102
2000	97	99	100	102	109	108	105	104	107	108	109	109	105
2001	110	113	117	124	130	122	121	123	124	123	123	123	121
2002	120	118	119	125	129	121	120	119	122	120	121	120	121
2003	121	120	122	125	129	122	117						122
Concentrates													
1990-92 = 100													
1999	100	96	91	95	92	93	91	95	95	99	97	94	95
2000	93	100	104	100	108	109	104	96	108	109	109	121	105
2001	122	107	104	104	107	115	117	116	111	110	109	103	110
2002	105	102	105	104	106	109	119	121	122	111	106	105	110
2003	106	111	113	112	121	121	121						115

<sup>1</sup> Simple average and is year-to-date for current year.

**Prices Paid Index Sub-Components: Monthly and Annual Average  
United States, 1999-03**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Supplements 1990-92 = 100													
1999	115	116	114	118	115	113	111	112	115	112	112	118	114
2000	118	120	119	117	116	113	111	110	112	115	116	123	116
2001	127	124	119	119	116	117	117	120	121	119	124	125	121
2002	123	124	124	123	118	123	126	128	129	133	134	135	127
2003	135	134	133	131	130	132	134						133
Livestock and Poultry Sub-Components Feeder Cattle 1990-92 = 100													
1999	89	91	88	88	84	89	93	91	95	101	104	109	94
2000	109	105	102	107	101	106	111	107	104	111	113	114	108
2001	109	105	106	109	106	112	111	110	110	110	102	104	108
2002	102	103	99	95	92	91	94	96	98	100	102	105	98
2003	99	96	92	99	99	102	107						99
Feeder Pigs 1990-92 = 100													
1999	66	96	103	106	109	96	52	46	58	73	88	111	84
2000	126	137	147	159	136	118	114	103	98	101	106	118	122
2001	125	133	136	143	127	115	111	109	106	105	110	123	120
2002	138	146	138	111	88	59	52	46	40	73	102	126	93
2003	138	127	123	119	109	104	86						115
Milk Cow Replacements 1990-92 = 100													
1999	111	111	111	110	110	110	113	113	113	122	122	122	114
2000	118	118	118	119	119	119	120	120	120	120	120	120	119
2001	117	117	117	124	124	124	141	141	141	151	151	151	133
2002	143	143	143	152	152	152	148	148	148	127	127	127	143
2003	121	121	121	115	115	115	116						118

<sup>1</sup> Simple average and is year-to-date for current year.



**Prices Paid Index Sub-Components: Monthly and Annual Average  
United States, 1999-03**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Poultry 1990-92 = 100													
1999	109	109	109	108	108	108	108	108	108	108	108	108	108
2000	107	107	107	107	107	107	107	107	107	107	107	107	107
2001	110	110	110	110	110	110	110	110	110	110	110	110	110
2002	111	111	111	111	111	111	111	111	111	111	111	111	111
2003	111	111	111	111	111	111	111	111	111	111	111	111	111
Seeds Sub-Components Field Crops 1990-92 = 100													
1999	123	123	123	121	121	121	121	121	121	121	121	121	122
2000	121	121	121	126	126	126	126	126	126	126	126	126	125
2001	126	126	126	136	136	136	136	136	136	136	136	136	134
2002	136	136	136	147	147	147	147	147	147	147	147	147	144
2003	147	147	147	162	162	162	162	162	162	162	162	162	156
Grasses and Legumes 1990-92 = 100													
1999	123	123	123	121	121	121	121	121	121	121	121	121	122
2000	121	121	121	115	115	115	115	115	115	115	115	115	117
2001	115	115	115	118	118	118	118	118	118	118	118	118	117
2002	118	118	118	118	118	118	118	118	118	118	118	118	118
2003	118	118	118	109	109	109	109	109	109	109	109	109	113
Fertilizer Sub-Components Mixed Fertilizer 1990-92 = 100													
1999	115	115	115	115	115	114	113	113	112	111	109	109	113
2000	109	108	108	108	108	108	107	107	107	107	107	107	108
2001	109	111	111	111	111	110	110	109	107	106	106	106	109
2002	105	104	104	104	104	104	105	105	106	106	106	106	105
2003	106	107	113	113	113	112	112	112	112	112	112	112	111

<sup>1</sup> Simple average and is year-to-date for current year.

**Prices Paid Index Sub-Components: Monthly and Annual Average  
United States, 1999-03**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Nitrogen 1990-92 = 100													
1999	94	95	96	97	94	92	88	88	89	94	93	94	93
2000	97	101	103	104	104	107	115	116	120	125	129	137	113
2001	171	180	179	167	155	142	133	124	121	115	112	111	143
2002	111	111	110	110	110	113	111	111	108	110	113	115	111
2003	122	132	146	150	146	142	138						139
Potash and Phosphate 1990-92 = 100													
1999	116	116	116	116	116	117	118	119	118	116	113	114	116
2000	114	116	109	111	111	103	103	105	108	110	108	110	109
2001	110	111	113	113	110	108	107	106	105	106	107	100	108
2002	106	109	109	108	106	107	105	105	106	106	105	103	106
2003	103	104	109	113	112	109	106						108
Agricultural Chemicals Sub-Components Herbicides 1990-92 = 100													
1999	116	113	115	116	113	112	112	115	115	115	111	112	114
2000	112	112	111	111	111	111	111	111	111	111	111	111	111
2001	111	112	112	112	112	112	112	112	112	112	113	113	112
2002	112	111	112	112	111	111	111	111	111	110	110	112	111
2003	112	112	111	112	112	112	112						112
Insecticides 1990-92 = 100													
1999	140	138	142	139	140	145	142	138	138	142	142	140	141
2000	140	142	144	142	146	146	146	146	147	147	144	146	145
2001	159	145	144	144	144	144	143	142	141	140	139	138	144
2002	139	138	138	137	138	139	140	140	141	142	143	144	140
2003	145	146	146	147	147	148	150						147

<sup>1</sup> Simple average and is year-to-date for current year.

**Prices Paid Index Sub-Components: Monthly and Annual Average  
United States, 1999-03**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Fungicides and Other 1990-92 = 100													
1999	120	120	119	120	120	120	120	120	120	120	120	120	120
2000	119	119	119	119	119	119	120	120	120	120	120	120	120
2001	120	120	121	121	121	121	121	120	120	120	120	120	120
2002	120	120	119	119	119	119	118	118	118	117	117	116	118
2003	116	116	115	115	115	105	96						111
Fuels Sub-Components Diesel 1990-92 = 100													
1999	64	60	68	83	82	83	92	100	105	102	108	109	88
2000	113	127	133	123	121	125	130	134	160	159	159	146	136
2001	139	132	119	123	133	129	116	117	131	108	102	80	119
2002	84	86	100	110	106	104	110	114	130	139	120	121	110
2003	136	172	179	141	121	124	125						143
Gasoline 1990-92 = 100													
1999	71	67	72	96	97	94	102	110	115	107	108	110	96
2000	111	125	137	128	135	154	138	128	139	129	128	112	130
2001	117	116	109	124	137	126	105	113	127	98	86	76	111
2002	81	85	103	118	115	114	117	119	122	135	120	113	112
2003	132	156	168	140	132	139	141						144
LP Gas 1990-92 = 100													
1999	80	83	86	91	110	109	107	122	135	136	134	127	110
2000	119	117	136	126	111	114	137	132	136	152	155	162	133
2001	175	187	166	151	143	144	105	113	115	103	95	78	131
2002	87	88	107	121	118	115	115	127	143	154	147	159	123
2003	182	212	213	158	168	179	191						186

<sup>1</sup> Simple average and is year-to-date for current year.

**Prices Paid Index Sub-Components: Monthly and Annual Average  
United States, 1999-03**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
<b>Farm Supplies &amp; Repairs Sub-Components</b>													
<b>Supplies</b>													
1990-92 = 100													
1999	117	116	117	117	117	117	117	117	116	117	118	118	117
2000	117	117	117	118	117	118	118	118	118	119	119	119	118
2001	119	119	119	119	122	122	122	122	123	122	122	122	121
2002	121	122	122	123	124	124	124	124	124	124	124	124	123
2003	124	124	124	124	124	124	124						124
<b>Repairs</b>													
1990-92 = 100													
1999	123	123	123	123	123	123	124	124	124	124	124	125	124
2000	125	126	126	127	127	127	128	128	128	128	129	129	127
2001	130	130	130	130	130	130	131	131	131	132	132	132	131
2002	133	133	133	134	134	134	134	134	134	136	136	136	134
2003	137	137	137	137	137	137	137						137
<b>Autos and Trucks Sub-Components</b>													
<b>Autos</b>													
1990-92 = 100													
1999	113	113	112	112	112	111	111	110	111	111	112	112	112
2000	112	112	112	112	112	112	112	111	111	111	112	112	112
2001	112	112	112	112	111	111	111	110	110	110	112	112	111
2002	112	111	111	110	110	109	109	108	109	109	110	110	110
2003	109	109	109	108	108	107	107						108
<b>Trucks</b>													
1990-92 = 100													
1999	121	120	120	120	120	120	120	119	119	120	121	121	120
2000	120	120	120	121	121	120	120	119	119	119	120	120	120
2001	121	120	120	120	119	119	118	118	117	118	120	120	119
2002	119	118	117	117	116	116	116	115	116	117	117	117	117
2003	117	117	117	116	116	115	114						116

<sup>1</sup> Simple average and is year-to-date for current year.

**Prices Paid Index Sub-Components: Monthly and Annual Average  
United States, 1999-03**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Farm Machinery Sub-Components													
Tractors													
1990-92 = 100													
1999	132	132	132	132	132	132	132	133	133	134	134	135	133
2000	135	136	136	136	136	136	136	136	137	138	138	138	137
2001	138	138	138	138	138	138	138	138	139	139	139	140	138
2002	140	140	140	140	140	140	140	140	140	140	140	140	140
2003	140	140	140	141	141	141	141						141
Self Propelled													
1990-92 = 100													
1999	133	133	133	134	134	134	134	134	135	135	135	136	134
2000	136	136	136	137	137	137	138	138	139	140	140	140	138
2001	141	142	142	143	143	143	143	144	145	145	145	145	143
2002	145	146	146	147	147	147	147	147	147	147	148	148	147
2003	148	148	148	148	148	148	148						148
Other Machinery													
1990-92 = 100													
1999	136	136	137	137	138	138	138	138	139	139	140	140	138
2000	140	141	141	142	142	142	142	142	143	143	143	144	142
2001	144	144	144	145	146	146	147	147	148	149	150	150	147
2002	151	151	152	153	153	153	153	153	154	154	154	154	153
2003	154	154	154	155	155	155	155						155
Farm Services Sub-Components													
Custom Rates													
1990-92 = 100													
1999	115	115	115	115	115	115	115	115	115	115	115	115	115
2000	120	120	120	120	120	120	120	120	120	120	120	120	120
2001	121	121	121	121	121	121	121	121	121	121	121	121	121
2002	120	120	120	120	120	120	120	120	120	120	120	120	120
2003	120	120	120	120	120	120	120						120

<sup>1</sup> Simple average and is year-to-date for current year.

**Prices Paid Index Sub-Components: Monthly and Annual Average  
United States, 1999-03**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>1</sup>
Other Services 1990-92 = 100													
1999	115	115	115	115	115	116	116	116	117	116	115	116	116
2000	117	117	118	118	118	119	119	119	120	119	118	118	118
2001	119	119	120	120	120	122	122	122	122	121	120	120	121
2002	120	120	120	119	120	121	121	121	121	120	120	120	120
2003	121	121	121	122	122	123	123						122
Rent Sub-Components Cash 1990-92 = 100													
1999	137	137	137	137	137	137	137	137	137	137	137	137	137
2000	139	139	139	139	139	139	139	139	139	139	139	139	139
2001	143	143	143	143	143	143	143	143	143	143	143	143	143
2002	143	143	143	143	143	143	143	143	143	143	143	143	143
2003	145	145	145	145	145	145	145						145
Share 1990-92 = 100													
1999	91	91	91	91	91	91	91	91	91	91	91	91	91
2000	83	83	83	83	83	83	83	83	83	83	83	83	83
2001	91	91	91	91	91	91	91	91	91	91	91	91	91
2002	91	91	91	91	91	91	91	91	91	91	91	91	91
2003	91	91	91	91	91	91	91						91

<sup>1</sup> Simple average and is year-to-date for current year.

## Prices Paid by Farmers

**Definition:** Prices paid by farmers represent the average costs of inputs purchased by farmers and ranchers to produce agricultural commodities. Conceptually, the average price when multiplied by quantity purchased should equal total producer expenditures for the item.

**Survey Procedures:** The prices paid data are obtained from establishments that sell goods and services to farmers and ranchers. Annually, about 8,500 firms are randomly selected from lists by type of item sold with an average response rate in the range of 75-80 percent. Firms are asked to report the price for the specified item "most commonly bought by farmers" or that was the "volume seller". Approximately 135 items are surveyed each April to represent all production input items purchased. The survey reference period for most items is the 5 business days centered around the 15th of the month. Separate prices paid surveys are conducted for, agricultural chemicals, fuels, feed, fertilizer, machinery, and seed.

**Summary and Estimation Procedures:** The annual April Prices Paid Survey is summarized as a nonprobability survey. Average prices reported are aggregated to the region and U.S. level using weights available from expenditure data and other administrative sources. Price recommendations are prepared by the State Statistical Offices and Headquarters for review by the Agricultural Statistics Board in Washington, D.C. Also, the change in price level for individual items surveyed are combined to the regional and U.S. levels, and are published as prices paid indexes referenced to a specific base period. Prices paid indexes for new autos and trucks, building materials, farm supplies, motor supplies, and marketing containers are updated based on price changes measured in selected Bureau of Labor Statistics (BLS) indexes.

**Revisions:** Any revisions are published in the monthly and in annual issues of *Agricultural Prices*. The basis for revision must be supported by additional data that directly affect the level of the estimate. More revisions are likely in April when separate prices paid surveys are conducted, in lieu of BLS indexes, by the USDA to measure price change.

**Reliability:** Current methods of summarization in April are not designed directly to calculate sampling errors. However, analytical measures approximate the U.S. relative sampling errors for major items around 10 percent. Any nonsampling errors are attributed to such things as the inability to obtain correct information, differences in interpreting questions or definitions, mistakes in coding or processing the data, etc. Efforts are made at each step in the survey process to minimize these nonsampling errors.

**Program Change:** Effective January 1, 1995, the National Agricultural Statistics Service updated the weights and changed the construction of its prices paid and received by farmers indexes. A Federal Register Notice dated October 28, 1994 discussed these program modifications.

A 1990-92 reference and base period replaced the 1977 reference and 1971-73 base weight period. Five-year moving average weights replaced the current fixed 1971-73 base period weights. The 1910-14=100 price indexes, required by statute for computing parity prices, were linked forward based on the changes in the new 1990-92=100 indexes. The new indexes were constructed by multiplying the ratios of the current prices to the base period prices by the moving average weights (adjusted for seasonal marketing patterns for the prices received indexes).

### Information Contacts

General questions should be directed to Linda Hutton, Chief, Environmental, Economics and Demographics Branch at (202) 720-6146. Below are the commodity specialists to contact for additional information.

#### Crop Prices Received

Mark Harris, Chief, Crops Branch .....	(202) 720-2127
Greg Thessen, Field Crops Section .....	(202) 720-2127
Dave DeWalt - Cotton, Cottonseed .....	(202) 720-5944
Herman Ellison - Oilseeds .....	(202) 720-7369
Lance Honig - Wheat, Rye .....	(202) 720-8068
Darin Jantzi - Corn, Proso Millet .....	(202) 720-9526
Troy Joshua - Hay, Oats .....	(202) 690-3234
Roy Karkosh - Sugarcane, Sugarbeets, Barley, Sorghum .....	(202) 690-8843
Mark R. Miller - Peanuts, Rice .....	(202) 720-7688
Jim Smith, Fruit and Vegetable Section .....	(202) 720-2127
Kathy Broussard - Citrus .....	(202) 720-5412
Debbie Flippin - Peaches, Pears, Hops, Pulses, Mint .....	(202) 720-3250
Terry O'Connor - Apples, Cherries, Apricots, Cranberries .....	(202) 720-4288
Mike Miller - Grapes, Tobacco .....	(202) 720-7235
Biz Wallingsford - Vegetables, Onions, Strawberries .....	(202) 720-2157

#### Livestock Prices Received

Dan Kerestes, Chief, Livestock Branch .....	(202) 720-3570
Wil Hundl, Livestock Section .....	(202) 720-3570
Steve Anderson - Cattle .....	(202) 720-3040
Scott Hollis - Sheep, Lambs, Wool, Mohair .....	(202) 720-4751
Ty Kalaus - Milk, Milk Cows .....	(202) 690-3236
Dan Lofthus - Hogs .....	(202) 720-3106
Nathan Crisp, Poultry and Specialty Commodities Section .....	(202) 720-3570
Tom Kruchten - Broilers, Eggs .....	(202) 690-4870
John Lange - Turkeys .....	(202) 720-0585

#### Indexes, Prices Paid, and Parity Prices

Linda Hutton, Chief, Environmental, Economics and Demographics Branch .....	(202) 720-6146
Larry Beard, Economics Section .....	(202) 720-6146
Tara Jackson - Feed, Fertilizer, Ag Chemicals, Seeds .....	(202) 690-3229
Jim Williams - Prices Paid Indexes, Farm Supplies and Repairs, Farm Machinery, Fuels, Feeder Livestock, Poultry Chicks, Feed Price Ratios, Grazing Fees, Autos & Trucks .....	(202) 690-3225
Rhonda Brandt - Prices Received Indexes, Parity Prices .....	(202) 720-5446



The next "Agricultural Prices" report will be released at 3 p.m. ET on August 29, 2003.

The United States Department of Agriculture (USDA) prohibits discrimination in all its programs on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (braille, large print, audiotape, etc.) should contact the USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 1400 Independence Avenue, SW, Washington, D.C., 20250-9410, or call 202-720-5964 (voice or TDD). USDA is an equal opportunity provider and employer.

## **ACCESS TO REPORTS!!**

---

For your convenience, there are several ways to obtain NASS reports, data products, and services:

### **INTERNET ACCESS**

All NASS reports are available free of charge on the worldwide Internet. For access, connect to the Internet and go to the NASS Home Page at: <http://www.usda.gov/nass/>. Select "Today's Reports" or Publications and then Reports Calendar or Publications and then Search, by Title or Subject.

### **E-MAIL SUBSCRIPTION**

All NASS reports are available by subscription free of charge direct to your e-mail address. Starting with the NASS Home Page at <http://www.usda.gov/nass/>, click on **Publications**, then click on the **Subscribe by E-mail** button which takes you to the page describing e-mail delivery of reports. Finally, click on **Go to the Subscription Page** and follow the instructions.

### **AUTOFAX ACCESS**

NASSFax service is available for some reports from your fax machine. Please call 202-720-2000, using the handset attached to your fax. Respond to the voice prompts. Document 0411 is a list of available reports.

-----

### **PRINTED REPORTS OR DATA PRODUCTS**

**CALL OUR TOLL-FREE ORDER DESK: 800-999-6779 (U.S. and Canada)**  
**Other areas, please call 703-605-6220      FAX: 703-605-6900**  
**(Visa, MasterCard, check, or money order acceptable for payment.)**

-----

### **ASSISTANCE**

For **assistance** with general agricultural statistics or further information about NASS or its products or services, contact the **Agricultural Statistics Hotline** at **800-727-9540**, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@nass.usda.gov](mailto:nass@nass.usda.gov).

---