

Released July 31, 2002, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Agricultural Prices" or other assistance, see page B-28.

Update Alert

Page A-18 has been revised. The July All Sunflower and Flaxseed prices for South Dakota were footnoted incorrectly. The July All Sunflower price for South Dakota is \$15.00 per Cwt. The June Flaxseed price for South Dakota is footnoted as "6/ Insufficient sales to establish price."

Page A-29 has been revised. The table showing Pears for Fresh Use was published with data under incorrect month titles.

Farm Prices Received Index Up 2 Points From Last Month

The preliminary All Farm Products Index of Prices Received by Farmers in July was 100, based on 1990-92=100, up 2 points (2.0 percent) from the June index. Higher prices for wheat, soybeans, hogs, and corn more than offset decreased prices for broilers, milk, eggs, and cattle. The seasonal change in the mix of commodities farmers sell often affects the overall index. Higher marketings for grapes, wheat, tobacco, and tomatoes more than offset decreased marketings of milk, cantaloupe, potatoes, and asparagus.

The All Farm Products Index was 8 points (7.4 percent) below July last year. Lower prices for broilers, cattle, hogs, and strawberries more than offset higher prices for wheat, corn, soybeans, and potatoes.

The Food Commodities Index increased by 1 point (1.0 percent) over last month to 98, but was 11 percent below July last year.

Prices Paid Index Unchanged

The July Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) was 123 percent of the 1990-92 average. The index was unchanged from June but 1 point (0.8 percent) below July 2001. Lower prices in July for LP gas, feeder pigs, and hay and forages were offset by higher prices for feeder cattle, feed concentrates, nitrogen fertilizers, and feed grains.

Index Summary Table

Index	2001		2002	
	Jun	Jul	Jun	Jul
1990-92=100				
Prices Received	107	108	98	100
Prices Paid	124	124	123	123
Ratio 1/	86	87	80	81

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

Prices Received by Farmers

The July All Farm Products Index was 100 percent of its 1990-92 base, up 2.0 percent from the June index but 7.4 percent below the July 2001 index.

ALL CROPS: The July index was 111, up 4.7 percent from June and 6.7 percent above July 2001. From June, price increases for potatoes and dry beans, oil-bearing crops, food grains, fruit and nuts, commercial vegetables, and feed grains and hay more than offset a price decrease for cotton.

Food Grains: The July index, at 105, was up 11 percent from the previous month and 19 percent above July 2001. The July all wheat price, at \$3.22 per bushel, was up 29 cents from June and 59 cents above July 2001.

Feed Grains & Hay: The July index was 100, up 3.1 percent from last month and 5.3 percent above July 2001. The corn price, at \$2.07 per bushel, was up 10 cents from June and 20 cents above the July 2001 price. The all hay price, at \$93.60 per ton, was down \$2.20 from last month and \$2.70 below July 2001.

Oil-Bearing Crops: The July index, at 99, was up 13 percent from June and 15 percent above July 2001. The soybean price, at \$5.50 per bushel, increased 62 cents from June and was 71 cents above July 2001.

Potatoes and Dry Beans: The July index, at 184, was 11 percent above last month and 74 percent above July 2001. The all potato price is a record high, at \$11.40 per cwt, up \$1.45 from the previous month and \$4.94 above last July. Lower supplies of the 2001 crop combined with a late spring 2002 crop were responsible for the record high price. The previous high was \$10.60 in July of 1989. The dry edible bean price, at \$25.60 per cwt, was \$1.10 below last month but \$8.80 above July 2001.

Cotton: The July index, at 53, was down 8.6 percent from June and 17 percent below July 2001. The July price, at 32.1 cents per pound, was down 2.8 cents from the previous month and 6.8 cents below last July.

Fruit and Nuts: The July Fruit and Nuts Index, at 128, was up 7.6 percent from the previous month and 0.8 percent above July 2001. Increases in the July prices of lemons, grapefruit, and grapes more than offset price declines in oranges, strawberries, and peaches.

Commercial Vegetables: The July index, at 121, was up 5.2 percent from last month, but 3.2 percent below July 2001. Price increases during July for asparagus, sweet corn, cucumbers, lettuce, and tomatoes more than offset price decreases for onions, broccoli, snap beans, and carrots.

LIVESTOCK AND PRODUCTS: The July index, at 89, was down 2.2 percent from last month and down 21 percent from July 2001. Compared with a year ago, prices were higher for turkeys, but lower for all milk, eggs, broilers, hogs, all cattle, calves, and turkeys.

Meat Animals: The July index, at 86, was up 1.2 percent from last month, but down 16 percent from a year ago. The July hog price was \$38.20 per cwt, up \$2.40 from June, but down \$13.50 from this same time a year ago. The July beef cattle price of \$63.30 was down \$0.80 from last month, and down \$8.50 from July, 2001. Price increases in hogs more than offset a decline in the price for all cattle.

Dairy Products: The July index, at 86, was down 3.4 percent from June and 31 percent below July, 2001. The July all milk price, at \$11.20 per cwt, was down 40 cents from June and down \$5.00 from last year. The July price for fluid grade milk decreased 50 cents from June and the price for manufacturing grade milk dropped 40 cents from June. Prices for both grades of milk decreased \$5.00 per cwt. from the previous year.

Poultry and Eggs: The July 2002 index, at 97, was down 5 percent from June and 18 percent below a year ago. July market egg prices, at .381 cents per dozen, decreased 6.4 cents from June due to a seasonal decrease in demand. The July broiler price, at 31.0 cents per pound, decreased 2.0 cents from June. Turkey prices, averaging 38.3 cents per pound, were up 1.4 cents from the previous month. Export demand is still questionable for all poultry with numerous factors such as trade negotiations and restrictions affecting trade. Poultry stocks in cold storage are increasing, putting downward pressure on prices. Also, domestic demand has softened for most poultry products.

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Index Numbers of Prices Received, United States, July 2002,
with Comparisons

Index	1910-14=100				1990-92=100			
	2001		2002		2001		2002	
	Average: 1990-92:	Jul	Jun	Jul	Jul	Jun	Jul	
All Farm Products	639	684	*622	632	108	98	100	
All Crops	500	512	*523	546	104	*106	111	
Food Grains	325	279	*303	333	88	*95	105	
Feed Grains & Hay	363	339	*348	359	95	*97	100	
Cotton	517	329	*295	271	64	*58	53	
Tobacco	1263	1622			107			
Oil-Bearing Crops	554	468	*482	542	86	*88	99	
Fruit & Nuts	716	884	*830	891	127	*119	128	
Commercial Vegetables	698	834	*769	808	125	*115	121	
Potatoes & Dry Beans	540	539	*839	932	106	*166	184	
Other Crops	493	554	558	558	112	113	113	
Livestock & Products	768	857	*695	680	112	*91	89	
Meat Animals	1021	1034	*868	872	102	*85	86	
Dairy Products	799	996	*713	688	124	*89	86	
Poultry & Eggs	282	335	287	272	119	102	97	
Food Commodities					110	*97	98	

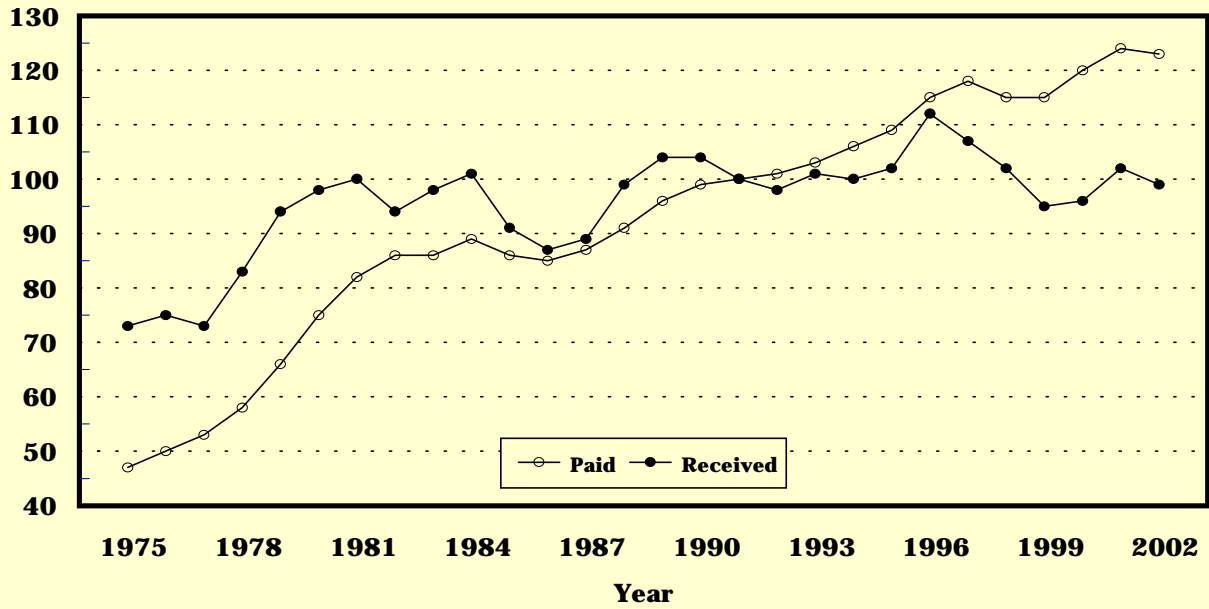
* Revised.

Selected Index Numbers for Prices Received and Paid,
1990-92=100, by Months, United States, 2001 and 2002

Month	Index of Prices Received				Index of Prices Paid					
	All Farm Products		All Crops		Livestock and Products		All Items		Production Items	
	2001	2002	2001	2002	2001	2002	2001	2002	2001	2002
Jan	96	95	94	94	100	97	125	123	121	118
Feb	100	99	98	102	102	97	124	123	121	117
Mar	103	106	99	117	107	95	124	123	120	118
Apr	106	95	103	100	109	90	124	123	120	119
May	108	98	105	106	110	90	124	123	120	118
Jun	107	98	102	106	113	91	124	123	120	118
Jul	108	100	104	111	112	89	124	123	120	118
Aug	110		109		111		124		120	
Sep	106		103		111		124		120	
Oct	95		89		104		123		119	
Nov	94		90		99		123		118	
Dec	93		90		96		122		117	

Prices Received vs Prices Paid Annual Average Indexes*

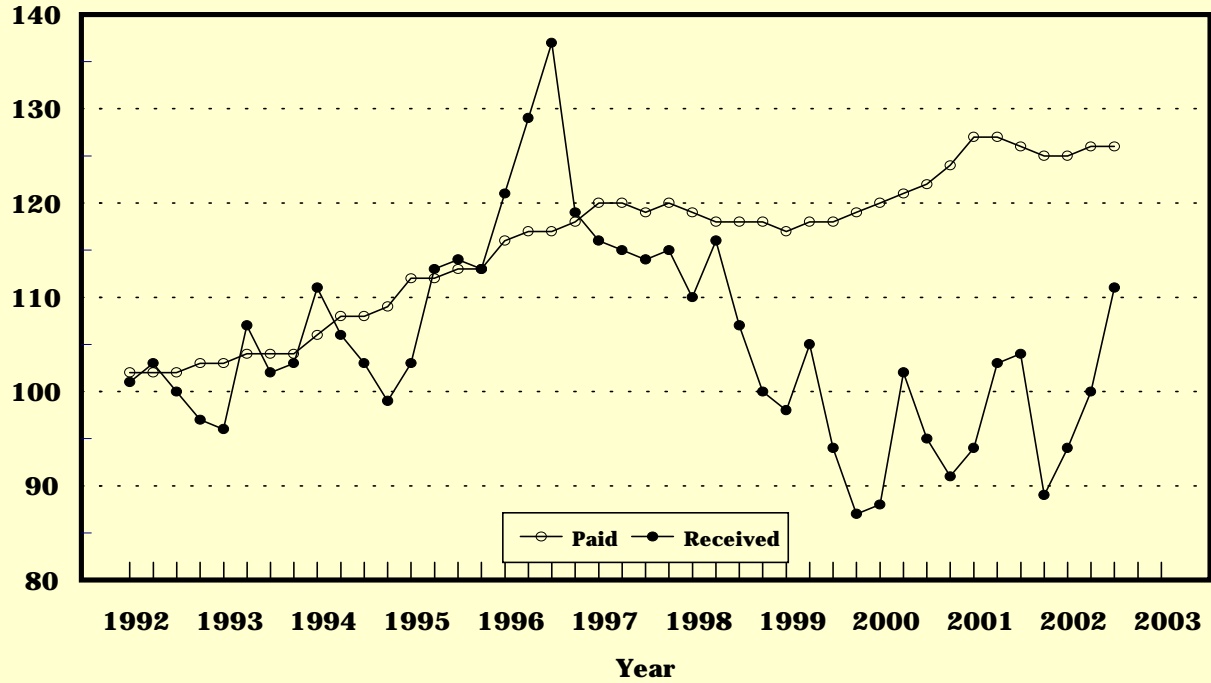
Index Values (1990-92=100)



* Index values for 2002 are year-to-date averages.

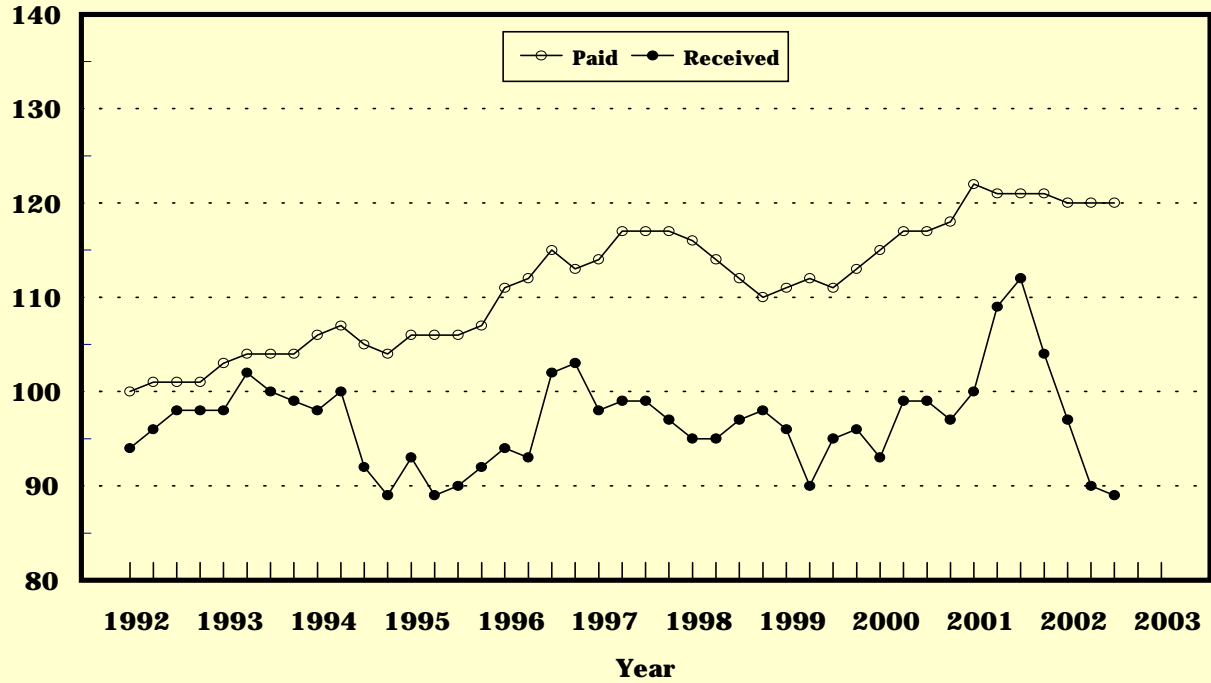
Crop Farm Index: Prices Received and Prices Paid All Items, U.S., 1992-2002, By Quarter

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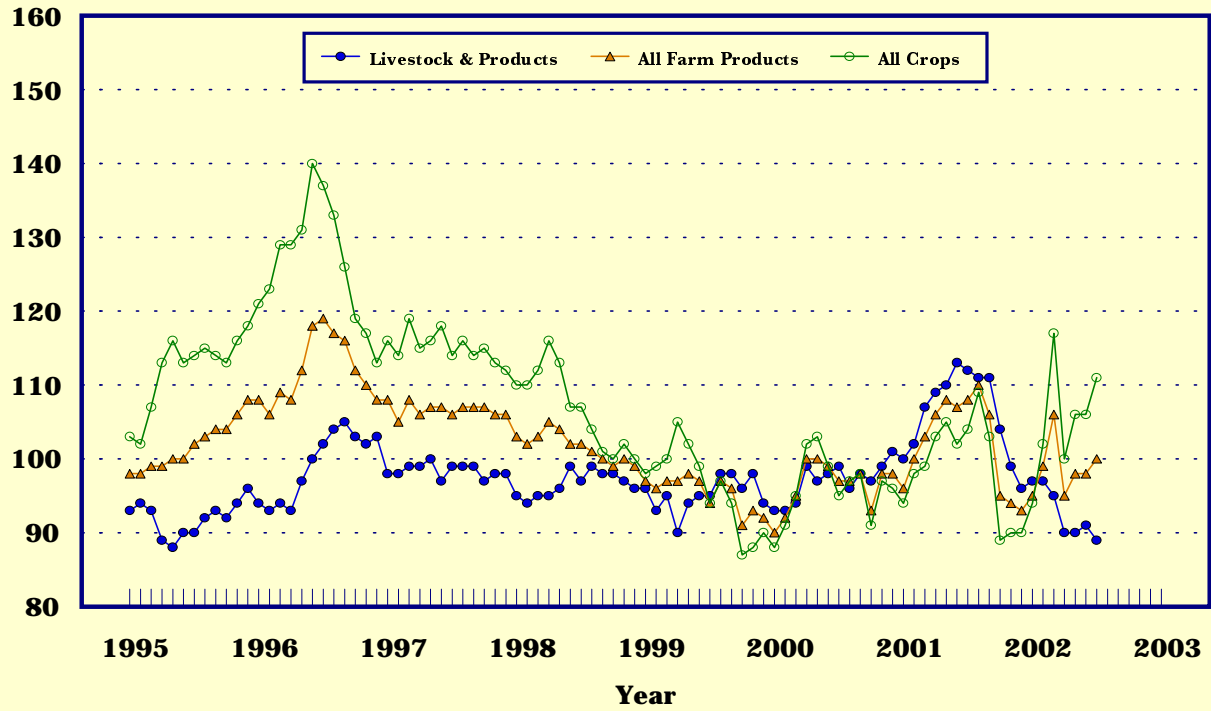
Livestock Farm Index: Prices Received and Prices Paid All Items, U.S., 1992-2002, By Quarter

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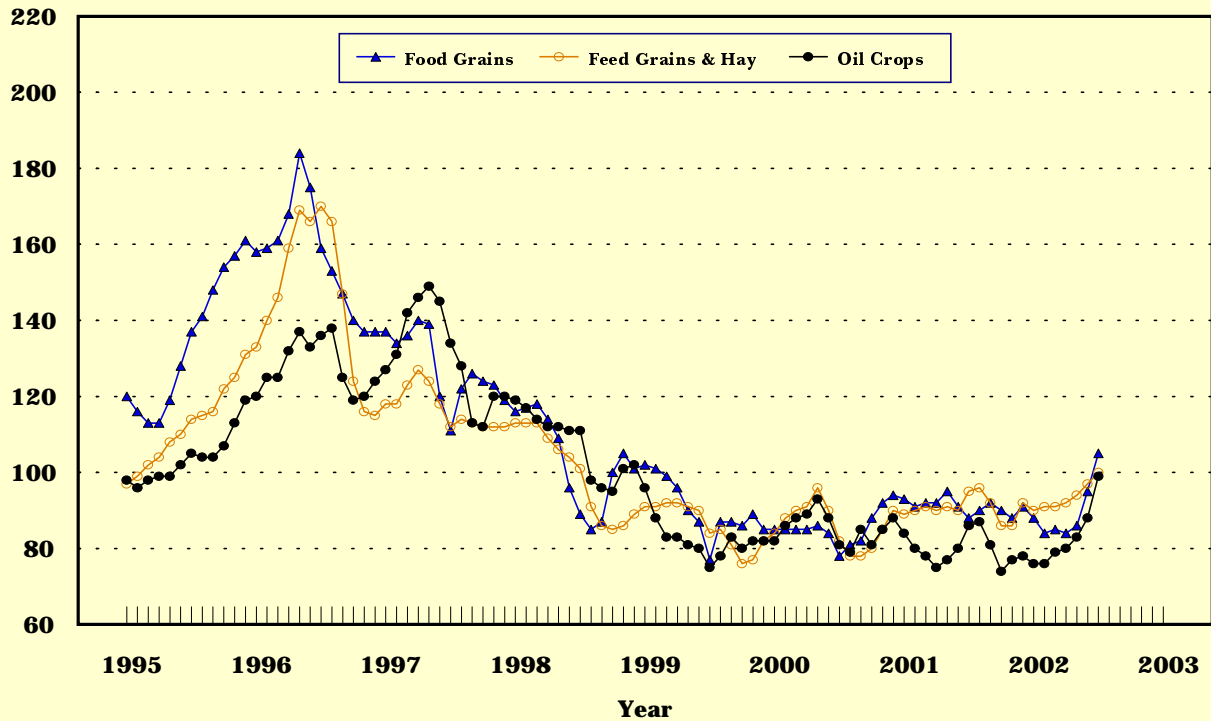
Prices Received, Major Indexes, US

Index Values(1990-92=100)



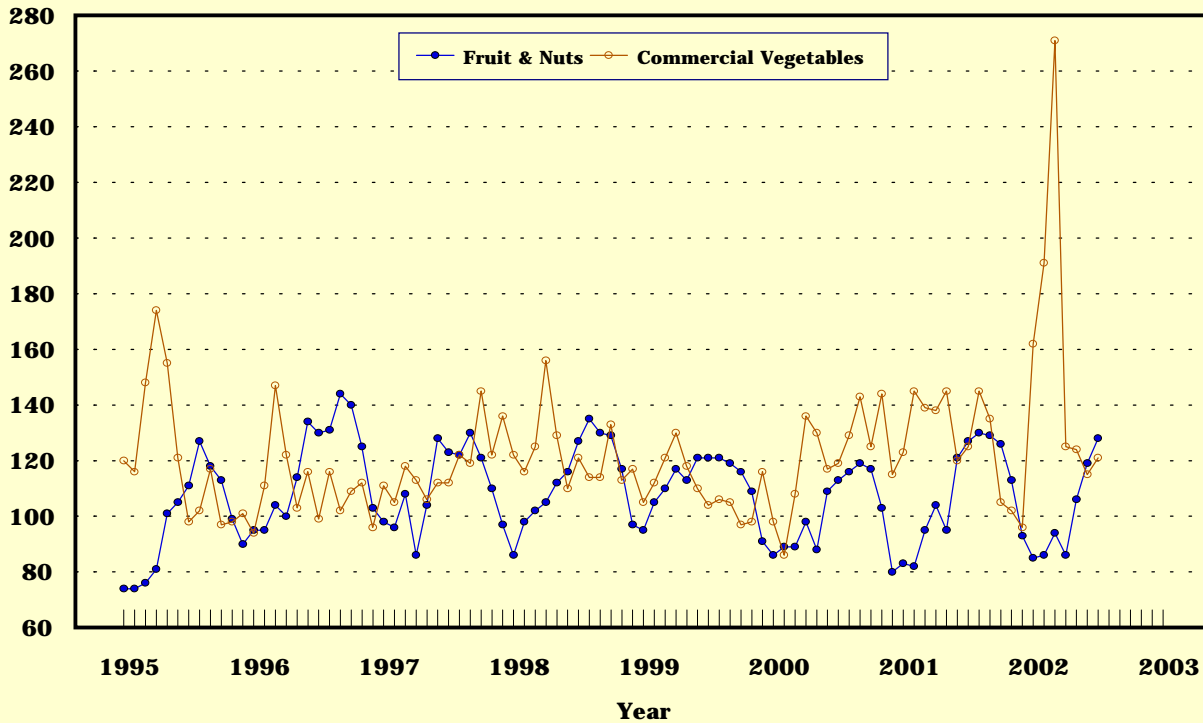
Prices Received, Food, Feed & Oil Indexes, US

Index Values(1990-92=100)



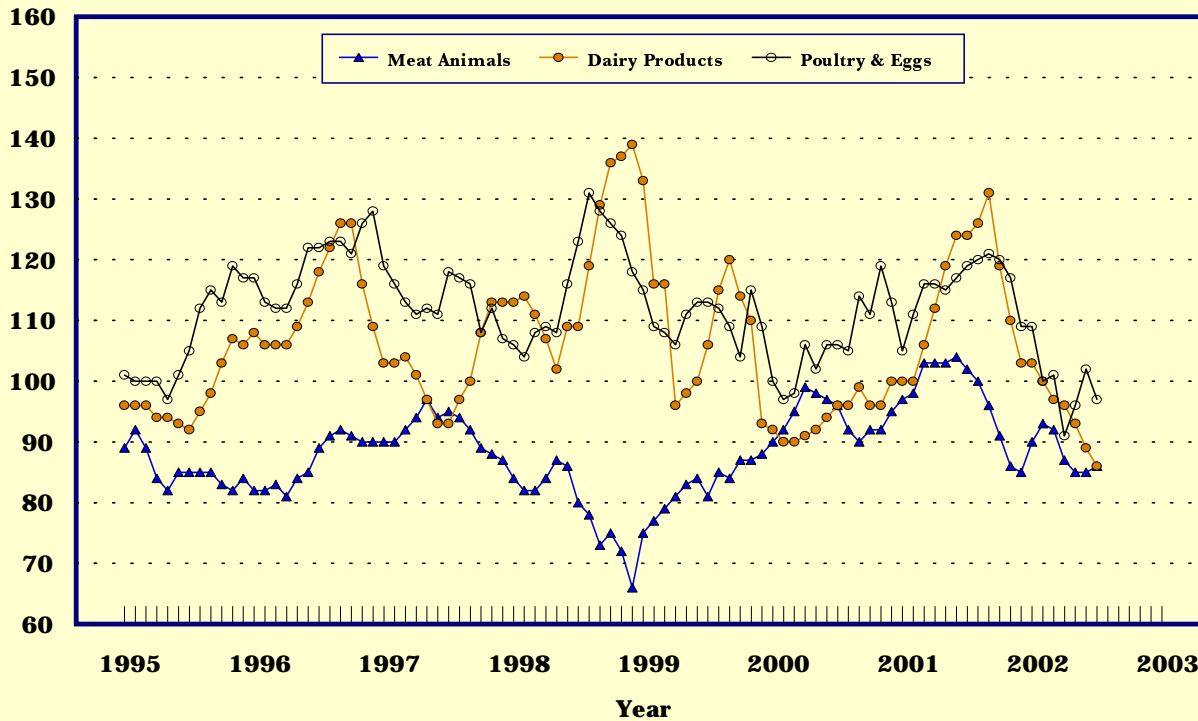
Prices Received, Fruit/Vegetable Indexes, US

Index Values(1990-92=100)



Prices Received, Livestock Product Indexes, US

Index Values(1990-92=100)



Prices Received, United States,
July 2002, with Comparisons

Commodity	Unit	Average 1990-92	Entire Month		Preliminary
			Jul	Jun	Jul
			2001	2002	2002
Dollars					
Field Crops					
Barley, All	Bu	2.12	2.00	2.09	2.07
Feed	Bu	1.90	1.63	1.83	1.89
Malting	Bu	2.43	2.26	2.49	2.39
Beans, Dry Edible	Cwt	19.10	16.80	26.70	25.60
Corn	Bu	2.30	1.87	1.97	2.07
Cotton, Upland	Lb	.606	.389	.349	.321
Cottonseed	Ton	96.00			
Flaxseed	Bu	4.27	4.28	5.32	5.49
Hay, All, Baled 1/	Ton	76.30	96.30	95.80	93.60
Alfalfa 1/	Ton	77.20	105.00	102.00	102.00
Other 1/	Ton	60.00	72.50	73.20	72.20
Oats	Bu	1.22	1.33	1.95	1.79
Peanuts, In-Shell	Lb	.304			
Potatoes	Cwt	5.82	6.46	9.95	11.40
Rice, Rough	Cwt	7.07	5.32	3.86	3.80
Sorghum Grain	Cwt	3.75	3.72	3.83	3.88
Soybeans	Bu	5.61	4.79	4.88	5.50
Sunflower 2/	Cwt	9.50	8.71	11.80	13.70
Tobacco	Lb	1.740	1.865		
Wheat, All	Bu	2.96	2.63	2.93	3.22
Winter	Bu	2.93	2.61	2.91	3.18
Durum	Bu	2.86	2.74	3.40	3.71
Other Spring	Bu	3.11	2.81	2.98	3.29
Hard Red Winter	Bu		2.73	2.92	
Soft Red Winter	Bu		2.39	2.82	
Hard Red Spring	Bu		2.80	2.97	
White	Bu	3.24	2.74	3.18	
Fruit					
Citrus-Equiv on-tree					
Grapefruit	Box	5.77	5.01	4.16	6.36
Lemons	Box	10.10	16.14	9.52	14.30
Limes 3/	Box	10.15			
Oranges	Box	5.79	4.33	4.13	3.90
Tangelos	Box	5.82			
Tangerines	Box	15.11			
Temples	Box	6.23			
Non-citrus					
Apples, Fresh 4/	Lb	.212	.152	.220	.206
Grapes, Fresh 4/	Ton	506.00	630.00	920.00	1000.00
Peaches, Fresh 4/	Lb	.216	.288	.275	.205
Pears, Fresh 4/	Ton	370.00	405.00	337.00	312.00
Strawberries, Fresh	Lb	.560	.689	.573	.450

1/ Mid-month price.

2/ KS, MN, ND and SD average.

3/ Current prices not published to avoid disclosure of individual firms.

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

-- continued

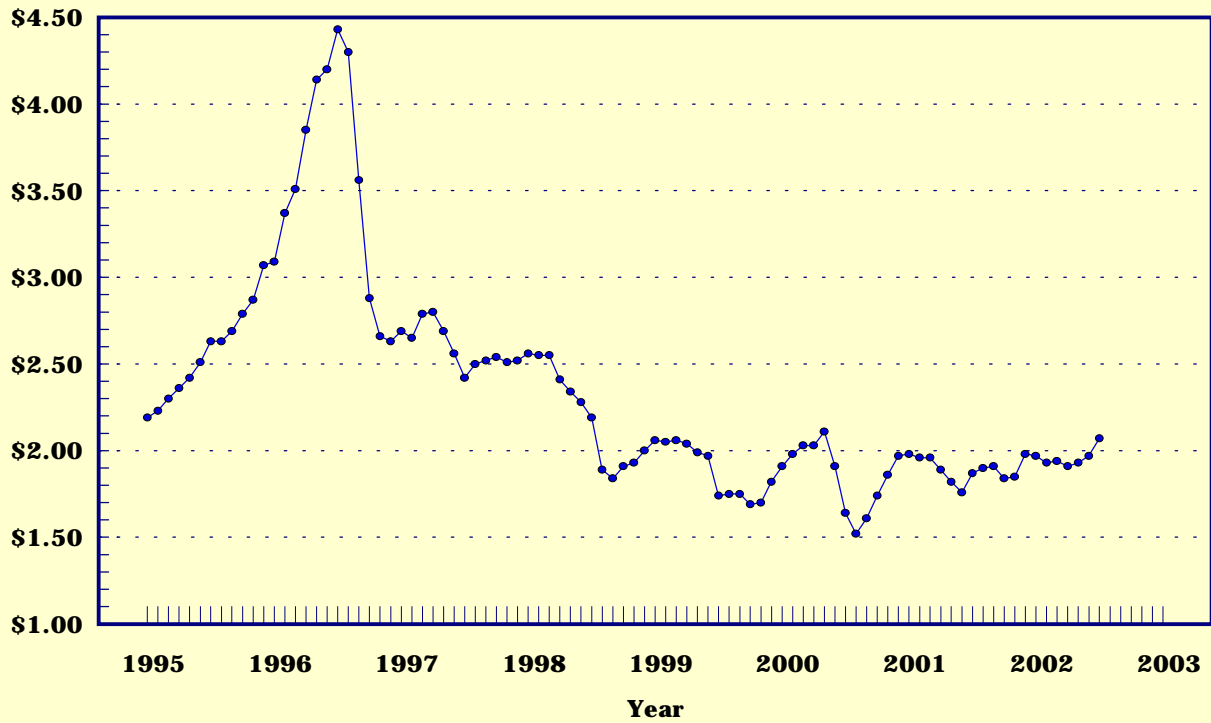
Prices Received, United States,
July 2002, with Comparisons (continued)

Commodity	Unit	Average 1990-92	Entire Month		Preliminary
			Jul	Jun	Jul
			2001	2002	2002
Dollars					
Vegetables, Fresh 1/					
Asparagus	Cwt	79.80	109.00	98.00	136.00
Broccoli	Cwt	22.50	23.60	28.40	25.20
Cantaloupes 2/	Cwt	13.90	19.00	14.00	14.40
Carrots	Cwt	13.20	22.00	21.50	21.20
Cauliflower	Cwt	26.80	25.60	32.70	32.90
Celery	Cwt	11.60	13.50	9.37	10.10
Corn, Sweet	Cwt	15.70	19.80	17.00	21.60
Cucumbers 2/	Cwt		18.70	17.70	20.60
Lettuce	Cwt	11.90	16.40	10.50	12.30
Onions	Cwt	12.80	15.50	20.70	19.40
Snap Beans 2/	Cwt		59.40	47.10	46.40
Tomatoes	Cwt	32.30	27.40	28.40	29.80
Livestock					
Calves	Cwt	94.30	108.00	94.80	93.20
Cattle, All Beef	Cwt	72.90	71.80	64.10	63.30
Cows	Cwt	49.60	42.90	39.30	37.70
Steers & Heifers	Cwt	77.10	75.00	67.00	66.10
Milk Cows 3/	Head	1130.00	1590.00		1670.00
Hogs, All	Cwt	47.70	51.70	35.80	38.20
Barrows & Gilts	Cwt	48.40	52.30	36.60	39.10
Sows	Cwt	39.50	40.80	21.10	20.40
Lambs	Cwt	56.20	64.30	72.80	
Sheep	Cwt	23.40	34.10	25.90	
Dairy and Poultry					
Milk, All 4/	Cwt	13.06	16.20	11.60	5/11.20
Fluid Grade	Cwt	13.10	16.20	11.70	5/11.20
Mfg Grade	Cwt	11.80	14.90	10.30	5/ 9.90
Broilers, Live 6/	Lb	.317	.420	.330	.310
Eggs, All 7/	Doz	.643	.540	.632	.576
Market 7/	Doz	.546	.354	.445	.381
Turkeys, Live 6/7/	Lb	.380	.385	.369	.383
Adjusted for Seasonal Variation					
Eggs, All	Doz	.545	.581	.735	.619
Milk, All 4/	Cwt	9.71	17.05	12.47	11.31

- 1/ F.O.B. shipping point.
- 2/ Monthly estimates began January 1995.
- 3/ Animals sold for dairy herd replacement only. Prices available for Jan, Apr, Jul, and Oct.
- 4/ Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
- 5/ Fat test percent: all milk 3.56, fluid milk 3.56, mfg grade 3.62.
- 6/ Liveweight equivalent price to producers, includes growers and contractors combined.
- 7/ Mid-month price.

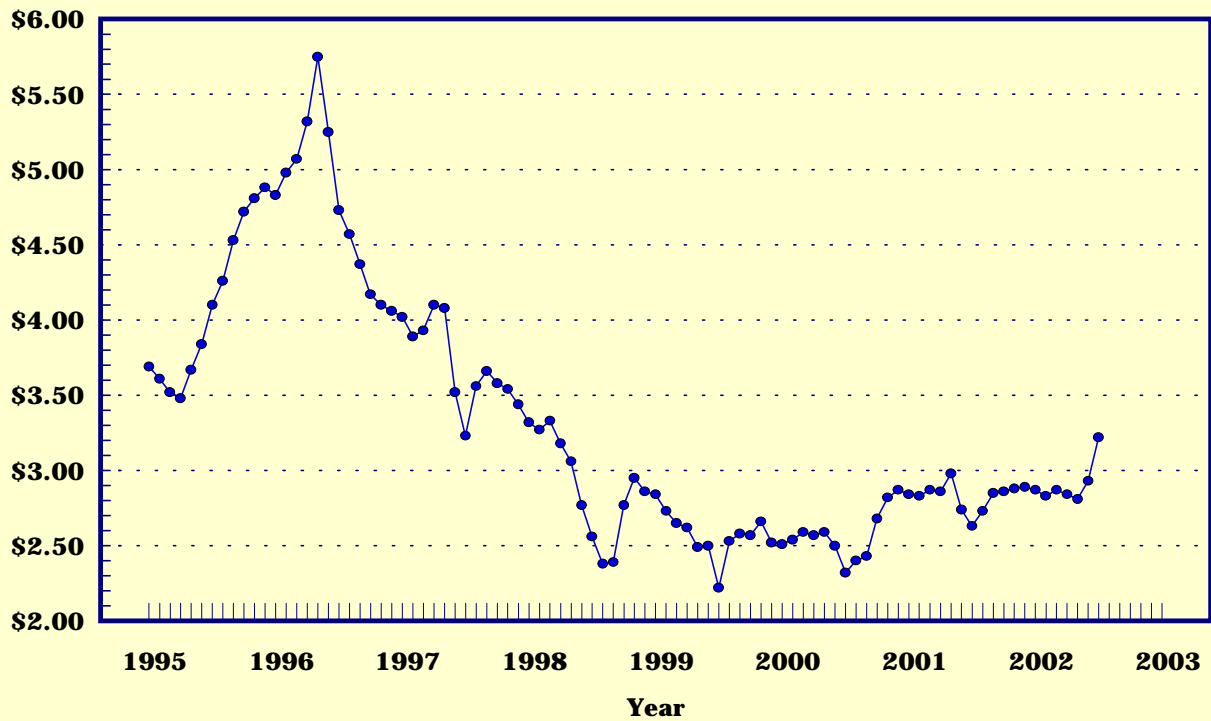
Prices Received, Corn, US

Dollars per Bu



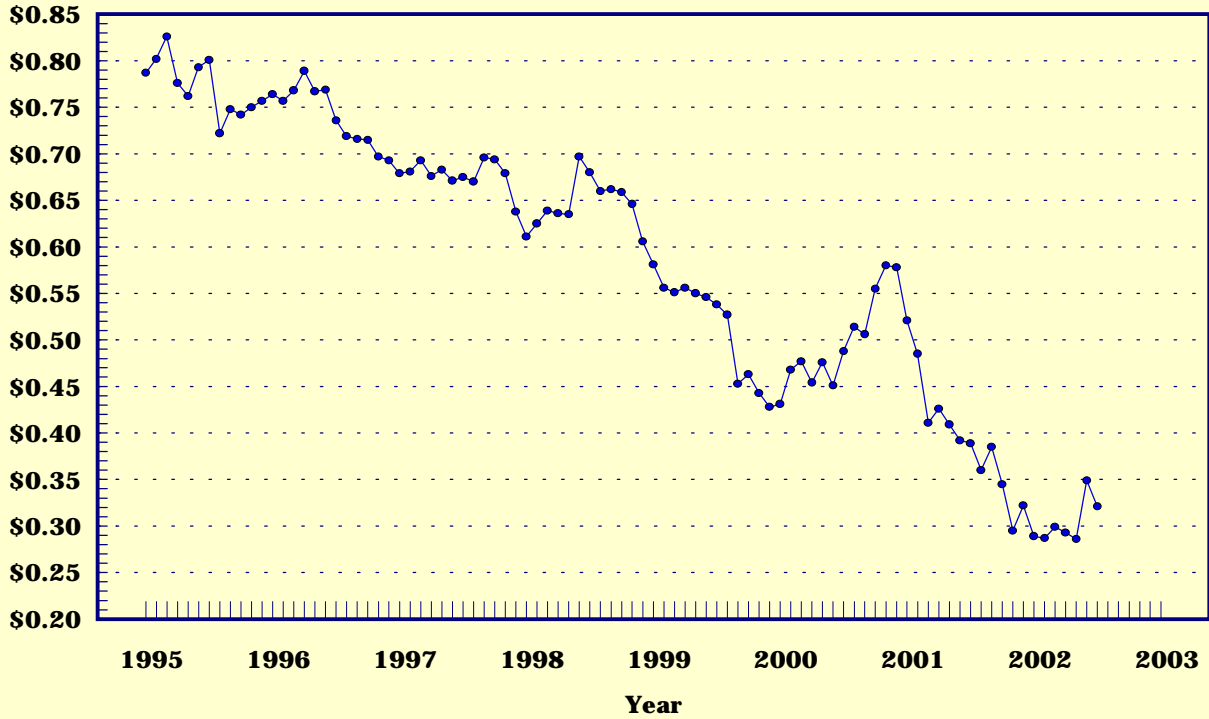
Prices Received, Wheat, US

Dollars per Bu



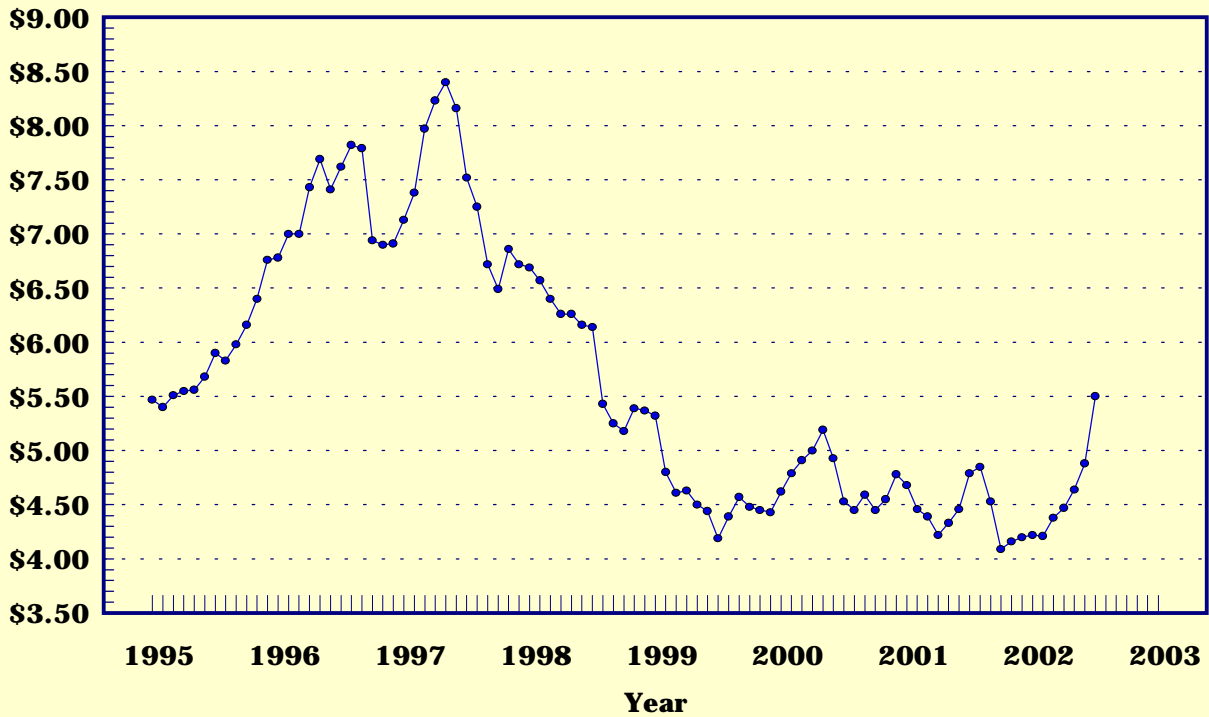
Prices Received, Cotton, US

Dollars per Lb



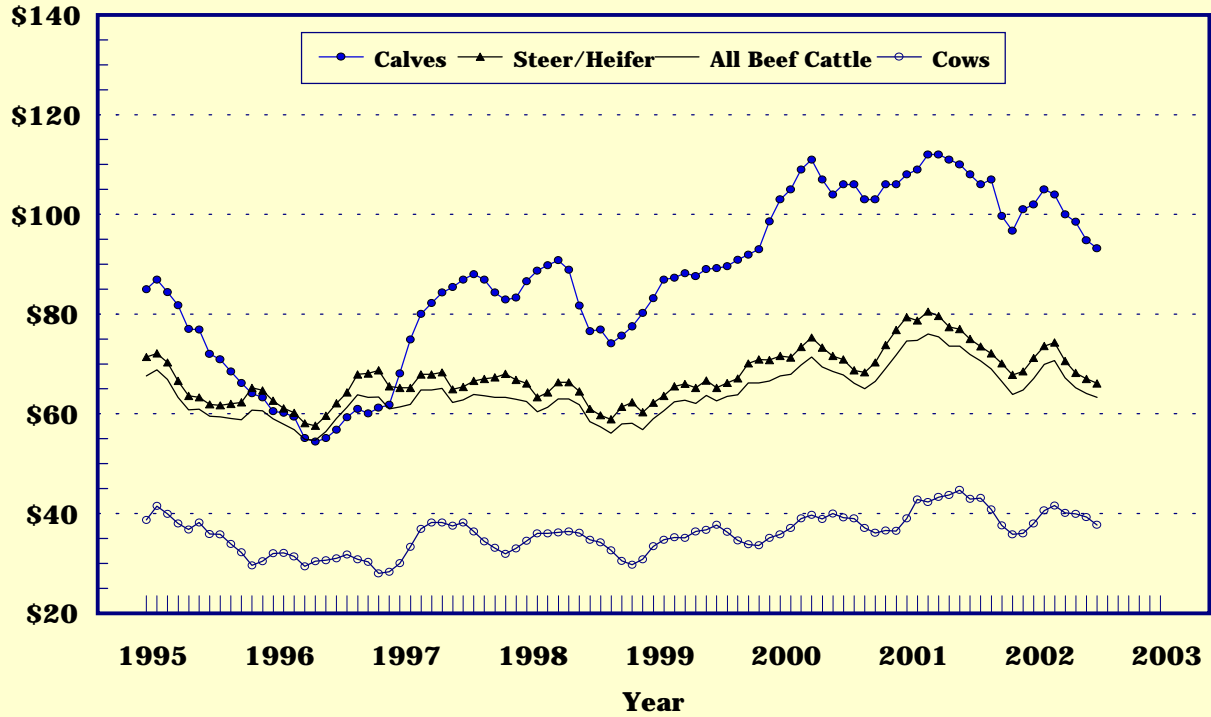
Prices Received, Soybeans, US

Dollars per Bu



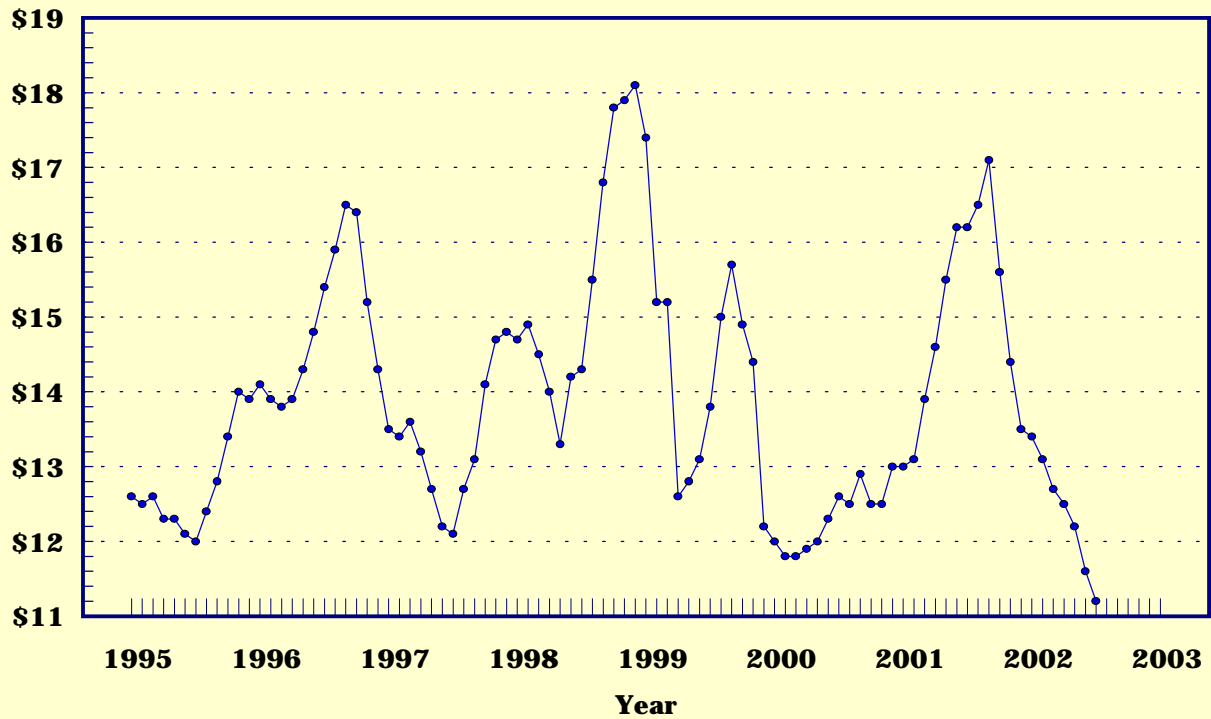
Prices Received, Cattle, US

Dollars per Cwt



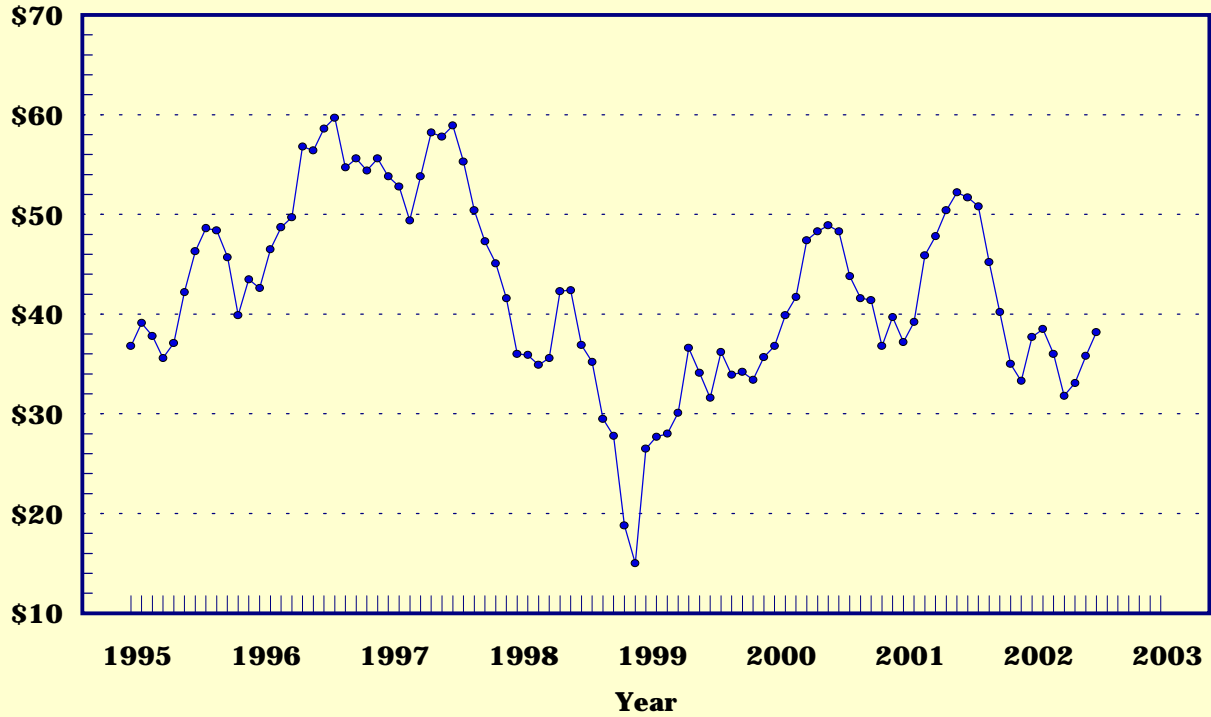
Prices Received, Milk, US

Dollars per Cwt



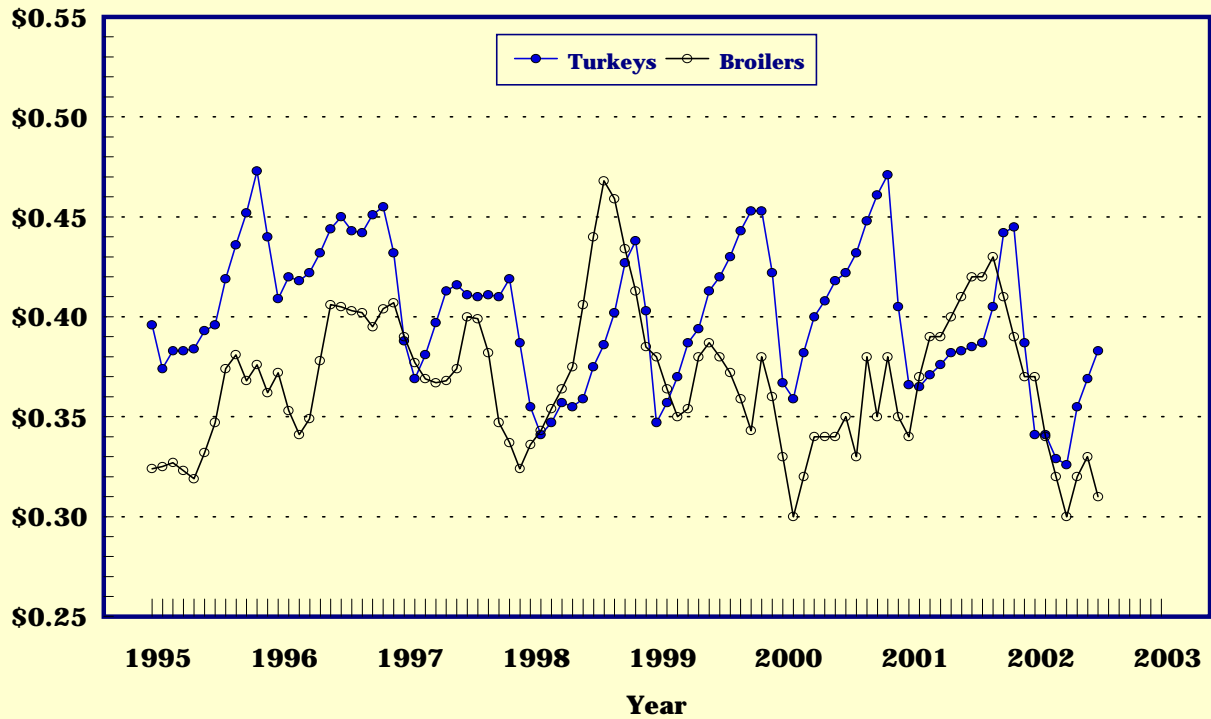
Prices Received, Hogs, US

Dollars per Cwt



Prices Received, Turkeys & Broilers, US

Dollars per Lb



Wheat: Prices Received, by States, June and July 2002

State	All Wheat		Winter Wheat		Durum Wheat 1/		Oth Spring Wheat	
	Jun 2/	Jul 3/	Jun 2/	Jul 3/	Jun 2/	Jul 3/	Jun 2/	Jul 3/
	Dollars per Bushel							
AR	2.84	3.02	2.84	3.02				
CA	3.54	4/	4/	4/	4/	4/		
CO	2.89	3.28	2.89	3.28			4/	5/
ID	3.13	3.22	3.10	3.20			3.16	3.25
IL	2.77	3.00	2.77	3.00				
IN	2.92	3.00	2.92	3.00				
KS	2.98	3.30	2.98	3.30				
MI	2.69	3.10	2.69	3.10				
MN	3.03	3.42	4/	4/			3.03	3.42
MO	2.83	3.10	2.83	3.10				
MT	3.09	3.37	3.08	3.24	3.53	3.68	3.08	3.41
NE	2.96	3.34	2.96	3.34				
ND	2.93	3.16	2.87	3.00	3.21	3.25	2.89	3.15
OH	2.72	2.90	2.72	2.90				
OK	2.91	3.32	2.91	3.32				
OR	3.23	3.42	3.21	3.40			3.31	3.55
SD	2.97	3.42	2.86	3.37			2.98	3.42
TX	2.70	3.05	2.70	3.05				
WA	3.26	3.39	3.26	3.38			3.28	3.43
US	2.93	3.22	2.91	3.18	3.40	3.71	2.98	3.29

- 1/ Durum discontinued September 2001 for MN and SD.
- 2/ Entire month.
- 3/ Mid-month.
- 4/ Price not published to avoid disclosure of individual firms.
- 5/ Insufficient sales to establish a price.

Prices Received for Selected Agricultural Commodities, by Months, United States, 2001 and 2002

Month	All Wheat		Corn		Soybeans		Beef Cattle 1/		All Hogs	
	2001	2002 2/	2001	2002 2/	2001	2002 2/	2001	2002 2/	2001	2002 2/
	Dollars per Bushel						Dollars per Cwt			
Jan	2.84	2.87	1.98	1.97	4.68	4.22	74.60	67.10	37.20	37.70
Feb	2.83	2.83	1.96	1.93	4.46	4.21	74.70	69.90	39.20	38.50
Mar	2.87	2.87	1.96	1.94	4.39	4.38	76.00	70.70	45.90	36.00
Apr	2.86	2.84	1.89	1.91	4.22	4.47	75.40	67.20	47.80	31.80
May	2.98	2.81	1.82	1.93	4.33	4.64	73.50	65.20	50.40	33.10
Jun	2.74	2.93	1.76	1.97	4.46	4.88	73.50	64.10	52.20	35.80
Jul	2.63	3.22	1.87	2.07	4.79	5.50	71.80	63.30	51.70	38.20
Aug	2.73		1.90		4.85		70.60		50.80	
Sep	2.85		1.91		4.53		69.00		45.20	
Oct	2.86		1.84		4.09		66.50		40.20	
Nov	2.88		1.85		4.16		64.00		35.00	
Dec	2.89		1.98		4.20		64.80		33.30	

- 1/ Cows, steers and heifers.
- 2/ Current month prices are mid-month; prices for previous months are for the entire month.

Grains: Prices Received, by States, June and July 2002

State	Barley 1/		Corn		Oats		Soybeans		Sorghum Grain	
	Jun 2/	Jul 3/	Jun 2/	Jul 3/	Jun 2/	Jul 3/	Jun 2/	Jul 3/	Jun 2/	Jul 3/
	----- Dollars per Bushel ----- Dollars per Cwt									
AL										
AR							5.04	5.73	5/	5/
CA	2.47	5/								
CO	5/	5/	2.13	2.23						
ID	2.74	2.82								
IL			2.05	2.15	1.96	2.00	4.99	5.70	3.88	4.00
IN			2.07	2.12			5.05	5.66		
IA			1.89	2.00	2.07	1.70	4.84	5.50		
KS			2.06	2.17			4.76	5.52	3.20	3.41
KY			2.13	2.30			5.06	5.70		
LA							5/	5/		
MI			1.97	2.10	2.30	1.90	4.97	5.65		
MN	2.16	1.81	1.84	1.93	1.91	1.64	4.70	5.33		
MS							4.76	5.42		
MO			1.97	2.15			4.86	5.65	3.40	3.70
MT	2.34	2.40			2.24	2.20				
NE			1.96	2.00	1.78	1.80	4.74	5.30	3.30	3.45
NC			2.40	2.68			5.16	5.61		
ND	1.70	1.76	1.90	2.00	5/	5/	4.54	5.00		
OH			2.10	2.20	2.27	2.25	5.20	5.50		
OK									3.15	3.40
OR	2.06	2.10								
PA			2.48	2.68	5/	5/				
SD	1.34	1.55	1.83	1.92	2.06	1.77	4.64	5.25		
TN			2.28	2.35			4.89	5.60		
TX			2.13	2.30	5/	5/			4.09	3.95
UT	2.34	2.37								
WA	1.83	2.04								
WI			1.98	2.00	1.78	1.80	4.81	5.30		
WY	1.92	1.95								
US	2.09	2.07	1.97	2.07	1.95	1.79	4.88	5.50	3.83	3.88

- 1/ The Three-State (MN, ND and SD) Feed Barley price for July 2002 is \$1.60.
- 2/ Entire month.
- 3/ Mid-month.
- 4/ Price not published to avoid disclosure of individual firms.
- 5/ Insufficient data to establish price.

Malting and Feed Barley: Prices Received Selected States, June and July 2002

State	Malting Barley		Feed Barley	
	Jun	Jul	Jun	Jul
	----- Dollars per Bushel -----			
ID	2/	2/	2.08	2.05
MN	2/	2/	2/	2/
MT	3.01	3.10	1.92	1.95
ND	1.93	2.00	1.59	1.60
SD			1.34	1.55
WY			1.92	1.95

- 1/ Price not published to avoid disclosure of individual firms.
- 2/ Insufficient sales to establish a price.

Field Crops: Prices Received, by States, June and July 2002

State	Dry Edible Beans		Sunflower		Flaxseed		Tobacco		Peanuts 4/	
	Jun 1/	Jul 2/	Jun 1/	Jul 2/	Jun 1/	Jul 2/	Jun 1/	Jul 3/	Jun 1/	Jul 3/
	Dollars per Cwt		Dollars per Bu		Dollars per Bu		Dollars per Pound			
AL										
CA	31.90	32.40								
CO	28.60	27.70								
FL										
GA										
ID	23.20	23.40								
IN										
KS			5/	5/						
KY										
MD										
MI	27.10	24.00								
MN	20.80	19.60	13.60	14.50						
MO										
NE	20.50	20.60								
NC										
ND	28.90	27.20	12.00	13.20	5.32	5.50				
OH										
OK										
SC										
SD			11.40	15.00	6/	5/				
TN										
TX										
VA										
WV										
US	26.70	25.60	11.80	13.70	5.32	5.49				

- 1/ Entire month.
- 2/ Mid-month.
- 3/ Based on sales through first half of month.
- 4/ Marketing year Aug - Jan.
- 5/ Price not published to avoid disclosure of individual firms.
- 6/ Insufficient data to establish price.

Field Crops and Apples: Prices Received, by States,
June and July 2002

State	Cotton, Upland		July				Apples Fresh Use 1/4/
	Jun 1/	Jul 2/	Cotton- seed 5/	Hay, Baled 3/ All	Alfalfa	Other	
	Dollars per Pound		Dollars per Ton			Dol/Lb	
AL	6/	6/					
AZ	6/	6/	100.00	101.00	95.00		
AR	.294	.258					
CA	6/	6/	94.00	97.00	78.00		
CO			117.00	115.00	155.00		
GA	.301	.298					
ID			101.00	102.00	78.00		
IL			89.00	93.00	71.00		
IA			85.00	85.00	60.00		
KS			89.00	98.00	69.00		
KY			70.00	100.00	58.00		
LA	.300	.307					
MI			63.00	65.00	50.00		
MN			69.00	75.00	50.00		
MS	.265	.262					
MO			61.00	106.00	54.00		
MT			84.00	85.00	76.00		
NE			79.00	82.00	72.00		
NV			110.00	110.00	108.00		
NM			141.00	144.00	117.00		
NY			109.00	125.00	90.00		
NC	.333	.407					
ND			61.00	67.00	46.00		
OH			85.00	115.00	57.00		.200
OK			84.00	100.00	60.00		
OR			111.00	117.00	98.00		
PA			118.00	139.00	105.00		.220
SD			78.00	81.00	62.00		
TN	.329	.258					
TX	.330	.325	82.00	153.00	61.00		
UT			93.00	94.00	56.00		
VA							
WA			114.00	108.00	141.00		.206
WI			58.00	65.00	35.00		
WY			108.00	109.00	104.00		
US	.349	.321	93.60	102.00	72.20		.206

1/ Entire month. 2/ Based on sales during the first half of the month.
3/ Mid-month. 4/ Equivalent packinghouse-door returns for CA, MI, NY and WA. Price at point of first sale for other states. 5/ Marketing year August-February. 6/ Price not published to avoid disclosure of individual firms.

Upland Cotton and Rice: Prices Received and Marketings,
United States, July 2002, with Comparisons

Item	Unit	May 2002 1/	Jun 2002 1/	Jul 2002 2/
Cotton, Upland				
Average Price	Dollars/Pound	.286	.349	.321
Marketings 3/	1,000 Bales	751	782	NA
Rice				
Average Price	Dollars/Cwt	3.96	3.86	3.80
Marketings 4/	1,000 Cwt	10364	9333	NA

1/ Entire month. 2/ Based on purchases for the first half of the month.
3/ Expanded data from sample of about 60 percent of buyers. 4/ 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 2002

Commodity And State	Equivalent Returns						
	F.O.B.	Packinghouse-door			On-tree		
	Packed Fresh	All	Fresh	Process	All	Fresh	Process
Dollars per Box 1/							
Grapefruit							
CA	16.70	8.59	10.45	-0.25	6.36	8.22	-2.48
US	16.70	8.59	10.45	-0.25	6.36	8.22	-2.48
Lemons							
CA	37.30	18.48	27.61	0.24	14.30	23.43	-3.94
US	37.30	18.48	27.61	0.24	14.30	23.43	-3.94
Oranges							
CA Valencia	13.80	6.29	7.02	0.74	3.90	4.63	-1.65
US	13.80	6.29	7.02	0.74	3.90	4.63	-1.65

1/ Net lbs. per box: Grapefruit-67; Lemons-76; Oranges-75.

Potatoes: Prices Received, by States,
June and July 2002

State	Jun	Jul		State	Jun	Jul
			Dollars per Cwt			Dollars per Cwt
AL	14.20	16.00	NC		8.40	7.80
AZ	10.80	9.10	ND - All 1/		5.10	
CA - All	19.20	19.90	- Fresh 2/		11.80	NA
- Winter			- Processing		4.75	NA
- Spring	19.20	19.90	OH			
- Summer			OR		7.10	7.10
- Fall			PA			
CO - All 1/	14.00	14.00	TX		8.00	12.30
- Fresh 2/	16.40	NA	VA		17.10	14.20
FL	17.40		WA - All		7.25	4.70
ID - All 1/	8.50	8.75	- Processing		5.70	NA
- Fresh 2/	11.00	NA	WI - All 1/		8.25	
- Processing	5.50	NA	- Fresh 2/		10.75	NA
ME	7.60		- Processing		4.50	NA
MI						
MN	4.20		US - All 1/		9.95	11.40
NY			- Fresh 2/		16.60	NA
			- Processing		5.73	NA

1/ Average price of potatoes sold for all uses, including table stock, processing, seed and livestock feed.

2/ Fresh market prices only, includes table stock prices.

Cattle: Prices Received, by States, June and July 2002

State	Cows 1/		Steers & Heifers:		Beef Cattle 4/		Calves	
	Jun 2/	Jul 3/	Jun 2/	Jul 3/	Jun 2/	Jul 3/	Jun 2/	Jul 3/
	Dollars per Cwt							
AZ	35.10	35.00	67.30	66.70	67.00	66.40	99.00	97.60
AR	37.40	35.60	73.20	72.60	62.50	61.50	81.00	80.10
CA	37.00	37.00	65.50	65.00	51.50	51.30	80.00	79.50
CO	40.00	36.00	76.90	77.00	76.50	76.60	90.00	89.20
FL	40.90	38.90	72.90	72.90	49.20	47.70	85.80	85.00
GA	41.00	37.30	66.90	67.20	49.80	47.80	84.00	83.30
ID	37.60	37.50	64.00	63.40	57.70	57.40	87.00	87.00
IL	39.20	38.50	65.00	63.00	64.50	62.50	98.20	98.00
IA	40.10	36.00	62.90	60.60	62.40	60.10	89.30	84.10
KS	39.20	36.80	65.20	62.90	64.90	62.60	97.00	104.00
KY	41.00	37.00	73.00	72.00	65.30	63.60	83.00	79.00
LA	38.20	36.00	70.50	70.00	48.20	47.60	84.80	85.00
MI	41.50	41.00	61.00	59.00	55.20	53.60	108.00	105.00
MN	41.30	39.50	62.30	60.00	58.50	56.30	83.40	78.00
MO	39.20	36.90	77.00	76.20	67.60	66.40	88.90	87.60
MT	40.20	36.80	76.50	73.10	54.00	51.30	91.30	90.00
NE	37.70	34.50	65.30	63.80	64.50	62.90	96.50	102.00
NM	36.70	36.20	74.60	74.50	61.70	61.10	93.80	91.10
ND	38.70	38.00	72.00	71.00	56.00	51.20	80.90	82.00
OH	39.00	38.50	67.20	66.00	64.40	63.30	75.40	74.00
OK	37.90	36.30	73.60	76.10	69.30	71.30	90.50	89.00
OR	39.80	38.50	73.00	72.00	63.00	62.00	85.00	82.00
PA	42.40	39.20	64.50	63.30	58.80	57.00	118.00	112.00
SD	39.90	36.30	68.30	64.40	61.80	57.40	90.60	82.40
TN	39.00	36.00	73.00	71.00	59.40	57.00	78.00	77.00
TX	37.40	36.90	67.10	67.70	64.40	65.50	91.60	91.50
VA	37.60	34.10	68.00	67.00	56.40	55.50	78.60	73.50
WI	40.90	40.60	64.60	64.00	50.90	50.40	132.00	128.00
WY	40.50	40.00	78.60	78.00	69.50	70.40	87.60	87.00
US	39.30	37.70	67.00	66.10	64.10	63.30	94.80	93.20

- 1/ Beef cows and cull dairy cows sold for slaughter.
- 2/ Entire month.
- 3/ Mid-month.
- 4/ "Cows" and "steers and heifers" combined.

Hogs: Prices Received, by States, June and July 2002

State	Sows		Barrows and Gilts		All Hogs	
	Jun 1/	Jul 2/	Jun 1/	Jul 2/	Jun 1/	Jul 2/
	Dollars per Cwt					
AR	20.00	19.50	34.40	35.20	33.00	33.60
IL	20.00	20.00	38.30	40.20	36.80	38.60
IN	23.50	23.00	36.90	38.50	35.60	37.00
IA	22.80	21.80	36.80	39.90	36.50	39.50
KS	21.10	21.50	35.20	37.10	33.40	35.20
MI	22.00	20.00	33.00	35.00	32.10	33.80
MN	21.90	21.00	36.40	39.50	36.30	39.30
MO	18.70	17.50	34.70	37.20	33.10	35.20
NE	20.70	20.00	38.60	41.00	38.20	40.60
NC	20.10	18.30	37.40	40.40	37.20	40.20
OH	22.30	20.00	36.50	37.00	36.10	36.50
OK	20.00	18.50	33.50	35.50	31.60	33.20
PA	18.90	17.40	33.20	35.80	31.10	33.00
SD	21.70	22.60	38.50	39.50	36.10	37.00
TX	22.00	21.50	32.00	33.40	30.40	31.00
WI	21.00	22.00	32.70	35.20	31.20	33.50
US	21.10	20.40	36.60	39.10	35.80	38.20

1/ Entire month.
2/ Mid-month.

Sheep and Poultry: Prices Received, by States,
June and July 2002

State	June		July
	Sheep 1/	Lambs 1/	Eggs 2/3/
	---- Dollars per Cwt ----		Dol/Doz
AL			.380
AR			.320
CA	22.00	72.50	.390
CO	21.90	70.00	
CT			.490
FL			.350
GA			.340
ID	29.00	72.00	
IN			.420
IA	22.60	77.70	.268
KS	20.20	73.70	
ME			.570
MI			.350
MN	18.00	73.20	.320
MS			.400
MO			.320
MT	24.10	76.60	
NE	21.50	74.00	
NY			.485
NC			.340
ND	18.00	71.30	
OH	22.00	75.00	.393
OR	24.00	60.00	
PA			.470
SC			.450
SD	25.30	78.20	
TX	32.40	73.20	.410
UT	22.00	71.00	
WA			.504
WY	21.90	75.90	
US	25.90	72.80	.381

- 1/ Entire month.
2/ Mid-month.
3/ Market (table) eggs.

Milk and Milk Cows: Prices Received, by States, June and July 2002

State	June				July				Dol/Head
	Fluid Grade Milk 1/ Price	Manufacturing Grade Milk Fat Test	All Milk 2/ Price	Fat Test	All Milk 2/3/ Price	Fat Test	All Milk 2/3/ Price	Fat Test	
AZ	11.40	3.59			11.40	3.59	11.00	3.59	1750
CA	10.50	3.58	10.70	3.83	10.50	3.58	10.20	3.56	1800
FL	15.20	3.65			15.20	3.65	14.80	3.65	1820
ID	10.70	3.50	10.10	3.56	10.70	3.50	10.30	3.48	1750
IL	12.00	3.61	11.50	3.56	12.00	3.61	11.40	3.60	1620
IN	11.20	3.59	10.10	3.52	11.10	3.59	10.60	3.55	1570
IA	11.50	3.59	10.20	3.54	11.40	3.59	11.30	3.53	1560
KY	12.80	3.56			12.80	3.56	12.40	3.54	1580
MI	11.50	3.52	10.30	3.55	11.50	3.52	11.00	3.49	1600
MN	11.60	3.64	9.80	3.62	11.50	3.64	10.90	3.58	1580
MO	11.90	3.55	10.30	3.70	11.80	3.56	11.40	3.52	1530
NM	11.00	3.47			11.00	3.47	10.90	3.47	1750
NY	12.50	3.60			12.50	3.60	11.60	3.57	1600
OH	12.00	3.65	10.70	3.67	11.90	3.65	11.40	3.55	1640
PA	13.30	3.60	10.20	3.65	13.30	3.60	12.90	3.60	1640
TX	12.00	3.58			12.00	3.58	11.70	3.58	1650
VT	12.10	3.60			12.10	3.60	11.70	3.57	1600
VA	13.80	3.52			13.80	3.52	13.60	3.50	1630
WA	11.70	3.58			11.70	3.58	11.40	3.57	1710
WI	11.70	3.66	10.30	3.71	11.60	3.66	11.00	3.58	1620
US	11.70	3.59	10.30	3.68	11.60	3.59	11.20	3.56	1670

- 1/ Including milk diverted to manufacturing.
- 2/ Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
- 3/ Preliminary.
- 4/ Animals sold for dairy herd replacement only. Prices published Jan, Apr, Jul and Oct.

Parity Price Equivalent for Manufacturing Milk 1/: United States, June and July 2002, with Comparisons

Item	Jul 2001	Jun 2002	Jul 2002
Parity Equivalent.....Dol per Cwt	29.39	29.41	29.59
Average Price F.O.B.....Dol per Cwt	14.90	10.30	2/ 9.90
Average Fat Test of Milk..Percent	3.59	3.68	2/3.62

- 1/ The parity price equivalent during 2002 is 90.5 percent of the parity price of all milk sold to plants, compared with 91.0 percent in 2001. For additional details, see January 2002 issue of "Agricultural Prices".
- 2/ Preliminary.

United States Parity Prices for Farm Products and Average Prices Received as
Percent of Parity Prices Based on Data for July 2002, with Comparisons 1/

Commodity and Unit	: Adjusted: : Base : Prices	Parity Prices Based on Data for			: Prices as Percent : of Parity			
		: Jul : 2001	: Jun : 2002	: Jul : 2002	: Jul : 2001	: Jun : 2002	: Jul : 2002	
		----- Dollars -----			----- Percents -----			
Basic Commodities	:							
All Wheat, Bu	:	.579	9.71	9.46	9.51	27	31	34
Rice, Cwt	:	1.55	27.00	25.30	25.50	20	15	15
Corn, Bu	:	.392	6.62	6.41	6.44	28	31	32
Cotton, Lb	:							
American Upland	:	.0990	1.68	1.62	1.63	23	22	20
Extra Long Staple	:	.140	2.34	2.29	2.30			
Peanuts, Lb	:	.0401	.682	.655	.659			
Tobacco, By Type, Lb	:							
Flue-Cured 11-14	:	.255	4.22	4.17	4.19	44		
VA Fire-Cured, 21	:	.257	4.24	4.20	4.22			
KY-TN Fire-Cured, 22-23	:	.319	5.32	5.21	5.24			
Burley, 31	:	.274	4.50	4.48	4.50			
Maryland, 32	:	.220	3.71	3.59	3.61			
Dark Air-Cured, 35-36	:	.270	4.50	4.41	4.44			
Sun-Cured, 37	:	.239	3.82	3.91	3.93			
PA Seedleaf, 41	:	.188	3.13	3.07	3.09			
Cigar Filler & Binder, 42-44, 54-55	:	.218	3.59	3.56	3.58			
Puerto Rican Filler, 46	:	.173	2.85	2.83	2.84			
Cigar Binder, 51-52	:	.678	10.70	11.10	11.10			
Designated Nonbasic	:							
All Milk, Sold to	:							
Plants, Per Cwt	:	1.99	32.30	32.50	32.70	2/53	2/38	2/35
Honey, Extracted, Lb	:	3/.0930	1.51	1.52	1.53			
Wool and Mohair	:							
Wool, Lb	:	.0950	1.66	1.55	1.56			
Mohair, Lb	:	.315	4.43	5.15	5.18			
Other Nonbasic	:							
Barley, Bu	:	.385	6.48	6.29	6.33	31	33	33
Cottonseed, Ton	:	15.70	255.00	257.00	258.00			
Dry Edible Beans, Cwt	:	2.90	48.10	47.40	47.60	35	56	54
Flaxseed, Bu	:	.684	11.40	11.20	11.20	38	48	49
Oats, Bu	:	.239	3.79	3.91	3.93	35	50	46
Potatoes, Cwt	:	.817	13.70	13.30	13.40	47	75	85
Rye, Bu	:	.341	5.52	5.57	5.60			
Sorghum Grain, Cwt	:	.666	11.40	10.90	10.90	33	35	36
Soybeans, Bu	:	.858	14.40	14.00	14.10	33	35	39
Sweetpotatoes, Cwt	:	2.18	34.40	35.60	35.80			
Apples, Fresh, Lb 4/ Citrus (equiv on-tree), box:	:	.0289	.491	.472	.475	31	47	43
Grapefruit	:	.441	8.12	7.21	7.25	62	58	88
Lemons	:	1.08	19.80	17.60	17.70	82	54	81
Limes (FL)	:	1.26	20.90	20.60	20.70			
Oranges	:	.643	11.50	10.50	10.60	38	39	37
Tangerines	:	1.55	27.70	25.30	25.50			
Temples (FL)	:	.527	9.74	8.61	8.66			
Beef Cattle, Cwt	:	9.56	159.00	156.00	157.00	45	41	40
Calves, Cwt	:	12.70	209.00	208.00	209.00	52	46	45
Hogs, Cwt	:	6.18	104.00	101.00	102.00	50	35	37
Lambs, Cwt	:	10.80	175.00	176.00	177.00	37	41	
Sheep, Cwt	:	4.57	72.80	74.70	75.10	47	35	
Eggs, Doz	:	.0933	1.56	1.52	1.53	2/37	2/48	2/40
Turkeys, Live, Lb	:	.0582	.964	.951	.956	40	39	40

--continued

Parity Prices Based on Data for July 2002, United States 1/ (continued)

Other Nonbasic Commodities	Adj Base Prices	Parity Prices	Other Nonbasic Commodities	Adj Base Prices	Parity Prices
	Dollars			Dollars	
Field Crops and Misc Commodities			Noncitrus Fruit		
Hops, Lb	.253	4.16	Peaches, cont.		
Spearmint Oil, Lb	1.64	26.90	Processing 5/ Excl Dried		
Tobacco, Lb Type 61	2.56	42.10	Clingstone, CA, Ton	32.50	534.00
Noncitrus Fruit			Pears, Ton		
Apples, Ton 6/ Processing	19.20	315.00	Fresh 4/	51.70	849.00
Apricots, Ton			Dried, CA 6/	162.00	2660.00
Fresh 7/	102.00	1680.00	Plums, CA, Ton		
Dried, CA	290.00	4760.00	Fresh, Equiv on-Tree	53.80	884.00
Avocados, Ton 7/	214.00	3520.00	Prunes, Dried, CA, Ton 6/	137.00	2250.00
Cherries			Prunes and Plums, Excl CA, Ton		
Sweet, Ton	173.00	2840.00	Fresh 9/	51.40	845.00
Tart, Lb	.0271	.445	Processing 6/ Excl Dried	24.10	396.00
Cranberry, Bbl 5/	6.66	109.00			
Dates, CA, Ton 7/	157.00	2580.00	Tree Nuts 10/		
Grapes, Ton			Almonds, Lb	.215	3.53
Raisin Variety	134.00	2200.00	Hazelnuts, Ton	118.00	1940.00
Other Dried	65.70	1080.00	Pistachio, Lb	.157	2.58
Kiwifruit, Ton	76.90	1260.00	Walnuts, Ton	183.00	3010.00
Nectarines					
Fresh, Calif, Ton 7/	63.30	1040.00	Vegetables, Cwt 11/		
Olives, CA			Fresh		
Canning, Ton 5/	97.40	1600.00	Carrots 8/	2.00	32.90
Papayas (HI) Lb	.0505	.830	Cauliflower 8/	4.46	73.30
Peaches			Celery 8/	2.00	32.90
Fresh, Lb 4/	.0383	.629	Honeydew Melons	2.71	44.50
Dried, CA, Ton	103.00	1690.00	Lettuce	2.35	38.60
			Onions 8/	1.70	27.90
			Tomatoes	4.38	72.00

- 1/ 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.
- 2/ Seasonally adjusted price as percentage of parity price.
- 3/ Wholesale extracted. Adjusted base price derived from state annual average prices weighted by production. For 1982 through 1985 the national averages are the support prices.
- 4/ Equivalent packinghouse-door returns for CA, NY (apples only), OR (except peaches), and WA. Price at point of first sale for other states.
- 5/ Equivalent returns for bulk fruit at first delivery point.
- 6/ Equivalent returns at processing plant door.
- 7/ Equivalent returns at packinghouse door.
- 8/ Includes some processing.
- 9/ Based on "as sold" prices for fresh fruit in all states.
- 10/ Prices in-shell basis except almonds which are shelled basis.
- 11/ F.O.B. shipping point prices.

Apples for Fresh Use: Prices Received, by State, July 2000 - June 2002,
and United States, July 1999 - June 2002 1/

: 2000 :						2001						

State:	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Jun	

: Dollars per Lb												
:												
CA	.276	.292	.201	.200	.124	.080	.130	.053	.106			
MI	.160	.180	.160	.145	.150	.140	.140	.130	.135	.135	.120	
NY		.214	.197	.178	.167	.160	.163	.161	.161	.158	.166	
OH	.245	.275	.290	.270	.260	.260	.250	.250	.260	.230	.220	
PA	.191	.190	.280	.270	.260	.240	.230	.230	.210	.260		
VA	.220	.190	.180	.170	.170	.160	.160	.150	.150			
WA	.160	.185	.213	.208	.175	.174	.157	.148	.143	.152	.148	

: 2001 :						2002						

State:	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun

: Dollars per Lb												
:												

: Dollars per Lb												
:												
CA	.269	.186	.275	.265	.210	.113	.129	.130				
MI	.150	.205	.180	.160	.160	.160	.160	.155	.155	.150	.145	
NY		.203	.195	.187	.179	.176	.175	.181	.183	.188	.215	
OH	.285	.290	.280	.280	.272	.272	.248	.253	.256	.249	.242	
PA	.210	.170	.210	.200	.200	.190	.200	.210	.140	.140		
VA	.220	.225	.235	.216	.200	.200	.190	.190	.190			
WA	.152	.173	.221	.259	.246	.246	.237	.229	.230	.227	.221	

Year :	Jul	Aug	Sep	Oct	Nov	Dec	Jan 2/	Feb	Mar	Apr	May	Jun

: United States												
:												

1/ Equivalent packinghouse-door returns for CA, NY, OR and WA; price at point of first sale for other states. 2/ January of the following year.

Grapes for Fresh Use: Monthly Average Prices Received,
United States, May 1999 - December 2001

Year :	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	

: Dollars per Ton									
:									
1999	1300	880	695	765	555	525	595	595	
2000	915	675	515	615	535	705	765	765	
2001	790	1190	630	600	670	640	640	850	

1/ Insufficient sales to establish a price.

Cranberries: Marketing Year Average Prices Received by Growers 1999-2001 1/

State	1999	2000	2001
Dollars per Barrel			
MA	16.20	17.90	21.60
NJ	10.10	15.90	19.30
OR	11.50	15.20	19.90
WA	11.80	20.90	24.30
WI	20.00	16.20	20.50
US	17.20	16.80	20.80

1/ Weighted average of co-op and independent sales. Co-op prices represent pool proceeds excluding returns from non-cranberry products and before any deductions for capital stock and other retains.

Peaches for Fresh Use: Monthly Average Prices Received, United States, 1999-2001 1/

Year	May	Jun	Jul	Aug	Sep
Dollars per Pound					
1999	.366	.270	.257	.232	.319
2000	.332	.264	.238	.219	.345
2001	.395	.338	.288	.216	.318

1/ 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 1999-June 2002 1/

Year	Jul	Aug	Sep	Oct	Nov	Dec	Jan 2/	Feb	Mar	Apr	May	Jun
Dollars per Ton												
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	3/
2001	405	394	415	390	374	363	282	276	267	267	267	337

1/ Equivalent packinghouse-door returns for CA, OR, and WA; price at point of first sale for other states. 2/ January of the following year. 3/ Insufficient sales to establish price.

Vegetables for Fresh Market: Monthly Prices Received,
by State and United States, 1999-2001

State and Year	Jan	Feb	Mar	Apr	May	Jun
Dollars per Cwt						
Spring Onions						
AZ						
1999					10.90	11.80
2000					7.40	4.60
2001					7.29	9.02
CA						
1999				10.80	11.30	11.80
2000				12.50	9.12	10.00
2001				16.30	13.00	12.70
TX						
1999				17.20	17.00	18.80
2000				13.40	17.00	19.40
2001				18.10	18.10	18.60
US						
1999				16.60	13.20	13.80
2000				13.30	12.80	12.10
2001				17.40	15.80	15.10
Summer Onions Non-Storage						
NM						
1999						16.60
2000						11.30
2001						15.60
TX						
1999						
2000						
2001						
WA						
1999						25.80
2000						22.90
2001						20.60
US						
1999						17.70
2000						12.30
2001						16.00
Summer Onions Storage						
CA						
1999	17.50	16.70	12.80			
2000						
2001						
CO						
1999	19.40	14.10	11.90			
2000	7.90	5.90				
2001	14.80	15.40				
ID						
1999	15.90	11.70	8.40	8.20		
2000	4.70	3.70	3.70			
2001	13.50	12.70	14.40	12.00		
MI						
1999	10.70	10.70	10.60			
2000	9.77	9.05	8.95			
2001	12.90	12.70	13.00			

Summer storage onions continued on page A-30.

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Vegetables for Fresh Market: Monthly Prices Received,
by State and United States, 1999-2001

State and Year	:	Jul	:	Aug	:	Sep	:	Oct	:	Nov	:	Dec

	:	Dollars per Cwt										
	:	Spring Onions										
AZ	:											
	:	1999	:	14.60								
	:	2000	:	4.30								
	:	2001	:	6.60								
CA	:											
	:	1999	:	13.10								
	:	2000	:	13.10								
	:	2001	:	14.50								
TX	:											
	:	1999	:									
	:	2000	:	18.20								
	:	2001	:	20.00								
US	:											
	:	1999	:	13.30								
	:	2000	:	15.00								
	:	2001	:	14.60								

	:	Summer Onions Non-Storage										
NM	:											
	:	1999	:	16.60	:	12.60						
	:	2000	:	7.80	:	11.90						
	:	2001	:	14.30	:	12.60						
TX	:											
	:	1999	:	22.20	:	21.40						
	:	2000	:	24.20	:	18.40						
	:	2001	:	21.00	:	17.80						
WA	:											
	:	1999	:	23.40	:	23.40						
	:	2000	:	21.80	:	21.80						
	:	2001	:	19.20	:	18.00						
US	:											
	:	1999	:	18.70	:	17.20						
	:	2000	:	13.00	:	13.80						
	:	2001	:	16.40	:	14.10						

	:	Summer Onions Storage										
CA	:											
	:	1999	:	11.20	:	10.70	:	10.10	:	9.22	:	9.28
	:	2000	:	13.00	:	11.10	:	12.20	:	12.90	:	14.10
	:	2001	:	14.50	:	12.60	:	12.80	:	12.60	:	11.90
CO	:											
	:	1999	:		:	13.90	:	12.10	:	9.80	:	9.10
	:	2000	:		:	13.90	:	12.10	:	14.10	:	12.40
	:	2001	:		:	13.30	:	13.20	:	11.50	:	11.40
ID	:											
	:	1999	:		:	9.80	:	7.50	:	6.10	:	5.90
	:	2000	:		:	10.40	:	9.50	:	10.20	:	10.20
	:	2001	:		:	11.00	:	9.70	:	8.40	:	8.30
MI	:											
	:	1999	:		:	11.00	:	11.00	:	11.30	:	9.39
	:	2000	:		:		:	14.00	:	12.20	:	12.80
	:	2001	:		:		:	13.90	:	11.90	:	11.00

Summer storage onions continued on page A-31.

Vegetables for Fresh Market: Monthly Prices Received,
by State and United States, 1999-2001

State and Year	Jan	Feb	Mar	Apr	May	Jun
Dollars per Cwt						
Summer Onions Storage						
NY	1999 : 19.30	18.80	13.70	10.30		
	2000 : 10.00	9.20	8.60	9.30		
	2001 : 13.10	13.60	14.00	14.00		
OH	1999 : 16.00	11.80	8.40	8.20		
	2000 : 4.70	3.70	3.70			
	2001 : 16.10	14.80	13.30	9.30		
OR-Malheur	1999 : 16.10	14.80	13.30	9.30		
	2000 : 6.50	5.30	4.30	5.40		
	2001 : 14.00	11.10	8.10	6.00	6.00	
WA	1999 : 14.00	11.10	8.10	6.00	6.00	
	2000 : 5.00	4.00	3.95	6.30	6.10	
	2001 : 6.90	5.20	5.10	7.10	6.90	
Summer Onions Storage						
US	1999 : 16.10	13.10	10.00	8.56	6.00	
	2000 : 5.86	4.86	4.38	6.80	6.10	
	2001 : 11.40	10.60	10.70	10.20	6.90	
All Summer Onions						
US	1999 : 16.10	13.10	10.00	8.56	6.00	17.70
	2000 : 5.86	4.86	4.38	6.80	6.10	12.30
	2001 : 11.40	10.60	10.70	10.20	6.90	16.00
All Onions						
US	1999 : 16.10	13.10	10.00	14.60	13.00	15.00
	2000 : 5.86	4.86	4.38	10.00	12.50	12.10
	2001 : 11.40	10.60	10.70	12.80	15.50	15.30

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Vegetables for Fresh Market: Monthly Prices Received,
by State and United States, 1998-2000

State and Year	Jul	Aug	Sep	Oct	Nov	Dec
Dollars per Cwt						
Summer Onions Storage						
NY						
1999		21.90	17.10	14.00	12.20	11.30
2000		22.60	19.60	11.90	12.00	12.20
2001		12.90	11.70	11.00	10.30	10.50
OH						
1999		8.00	8.00	8.00	8.00	8.00
2000		12.00	12.00	12.00	12.00	12.00
2001		15.00	15.00	15.00	15.00	15.00
OR-Malheur						
1999		9.80	6.95	6.10	5.90	5.60
2000		10.40	9.50	10.20		
2001		11.00	10.20	8.28		
OR-Other						
1999				10.30	6.80	6.40
2000				9.20		
2001		9.60	9.60	9.60		
WA						
1999		10.30	7.40	7.00	6.30	5.90
2000	10.30	11.10	9.20	8.60	9.10	8.40
2001	8.80	10.80	9.50	9.90	9.40	7.40
Summer Onions Storage						
US						
1999	11.20	12.00	10.10	8.18	7.47	6.95
2000	12.60	11.80	10.60	10.10	10.70	11.10
2001	12.80	11.70	10.50	9.35	7.76	9.49
All Summer Onions						
US						
1999	16.30	13.10	10.10	8.18	7.47	6.95
2000	12.80	12.10	10.60	10.10	10.70	11.10
2001	15.30	12.20	10.50	9.35	7.76	9.49
All Onions						
US						
1999	15.70	13.10	10.10	8.18	7.47	6.95
2000	13.30	12.10	10.60	10.10	10.70	11.10
2001	15.50	12.30	10.70	9.20	7.41	9.35

Sugar Crops: Marketing Year Average Price Received
and Value of Production, United States, 2001 Crop 1/

Sugarbeets		:	Sugarcane 2/		
Price	Value of Production	:	For Sugar		: Sugar and Seed Value of Production
Dollars per Ton	1,000 Dollars	:	Dollars per Ton	----- 1,000 Dollars -----	----- 1,000 Dollars -----
39.40	1,016,499	:	28.40	930,810	982,271

1/ Preliminary. Final prices and value of production by states will be published in **"Crop Values"** February 2003.

2/ Includes FL, HI, LA, and TX.

Seasonal Adjustment Factors, Eggs and Milk

Base prices used in calculating parity prices are averages of prices received by farmers for several years; therefore, any seasonal variation is largely averaged out. To facilitate comparisons with parity prices, monthly prices for eggs and milk are adjusted for seasonal variation.

The table below presents the adjustment factors which will be used the next 12 months. The adjusted price is calculated by dividing the monthly price by the adjustment factor. The factors are based on prices for the years 1992-2001.

Seasonal Adjustment Factors, Eggs and Milk,
United States

Year and Month	:	Eggs	:	Milk 1/
2002	:			
Jul	:	93		99
Aug	:	92		103
Sep	:	100		109
Oct	:	95		106
Nov	:	100		105
Dec	:	110		103
2003	:			
Jan	:	113		99
Feb	:	104		95
Mar	:	100		97
Apr	:	106		95
May	:	101		93
Jun	:	86		96

1/ All milk sold to plants and dealers.

Indexes of Prices Received by Months and Annual Average,
United States, 1998-2002

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg

	All Farm Products												
	1910-14=100												
1998	655	646	654	664	658	650	645	642	633	632	633	627	645
1999	616	610	618	616	620	615	599	619	607	576	589	583	606
2000	573	585	602	637	635	626	615	615	621	593	623	622	612
2001	612	633	656	672	686	682	684	699	675	601	594	590	649
2002	606	628	671	601	620	622	632						626
	1990-92=100												
1998	103	102	103	105	104	102	102	101	100	99	100	99	102
1999	97	96	97	97	98	97	94	97	96	91	93	92	95
2000	90	92	95	100	100	98	97	97	98	93	98	98	96
2001	96	100	103	106	108	107	108	110	106	95	94	93	102
2002	95	99	106	95	98	98	100						99
	All Crops												
	1910-14=100												
1998	543	545	554	572	556	526	525	511	499	495	501	495	527
1999	482	488	495	517	505	488	462	479	463	429	436	444	474
2000	436	451	470	505	509	487	470	480	482	450	479	471	474
2001	463	481	488	506	519	502	512	539	507	437	442	446	487
2002	462	501	578	494	524	523	546						518
	1990-92=100												
1998	110	110	112	116	113	107	107	104	101	100	102	100	107
1999	98	99	100	105	102	99	94	97	94	87	88	90	96
2000	88	91	95	102	103	99	95	97	98	91	97	96	96
2001	94	98	99	103	105	102	104	109	103	89	90	90	99
2002	94	102	117	100	106	106	111						105

1/ Simple average required for parity regulations. Weighted 1990-92 average equals 100.

Indexes of Prices Received by Months and Annual Average,
United States, 1998-2002

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Food Grains													
1910-14=100													
1998	369	372	376	361	345	306	283	269	277	318	334	321	328
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	285	280	289	290
2002	279	268	269	266	273	303	333						284
1990-92=100													
1998	116	117	118	114	109	96	89	85	87	100	105	101	103
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	88	91	91
2002	88	84	85	84	86	95	105						90
Feed Grains and Hay													
1910-14=100													
1998	402	405	405	388	380	373	361	325	308	304	309	317	356
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	326	323	339	342	330	308	308	329	325
2002	323	324	326	328	337	348	359						335
1990-92=100													
1998	113	113	113	109	106	104	101	91	86	85	86	89	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	90	91	90	91	90	95	96	92	86	86	92	91
2002	90	91	91	92	94	97	100						94

1/ Simple average required for parity regulations. Weighted 1990-92 average equals 100.

Indexes of Prices Received by Months and Annual Average,
United States, 1998-2002

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Cotton													
1910-14=100													
1998	516	528	540	538	537	589	575	558	560	557	546	512	546
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	304	325	292	249	272	334
2002	244	243	253	248	242	295	271						257
1990-92=100													
1998	101	103	105	105	105	115	112	109	109	109	107	100	107
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	59	64	57	49	53	65
2002	48	47	49	48	47	58	53						50
Tobacco 2/													
1910-14=100													
1998	1670	1665	1574	1474		1417	1413	1561	1622	1657	1665	1572	
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	1578	1639	1657	1717	1704	1614	
2002	1761	1704	1478										1648
1990-92=100													
1998	110	110	104	97		94	93	103	107	109	110	104	
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										109

1/ Simple average required for parity regulations. Weighted 1990-92 average equals 100.
 2/ Missing data indicates insufficient sales volume to establish a price.

Indexes of Prices Received by Months and Annual Average,
United States, 1998-2002

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Oil-Bearing Crops													
1910-14=100													
1998	652	642	626	613	614	609	606	538	526	517	555	558	588
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	465	481	467
2001	458	438	428	412	423	437	468	478	445	405	422	425	437
2002	415	418	431	440	455	482	542						455
1990-92=100													
1998	119	117	114	112	112	111	111	98	96	95	101	102	107
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	87	81	74	77	78	80
2002	76	76	79	80	83	88	99						83
Fruit and Nuts													
1910-14=100													
1998	602	684	712	734	781	808	887	944	906	900	816	676	788
1999	666	732	765	820	791	844	845	842	828	813	758	639	779
2000	600	623	621	685	617	760	791	807	832	814	719	557	702
2001	579	574	663	726	665	845	884	911	902	878	788	650	755
2002	592	601	655	598	743	830	891						701
1990-92=100													
1998	86	98	102	105	112	116	127	135	130	129	117	97	113
1999	95	105	110	117	113	121	121	121	119	116	109	92	111
2000	86	89	89	98	88	109	113	116	119	117	103	80	101
2001	83	82	95	104	95	121	127	130	129	126	113	93	108
2002	85	86	94	86	106	119	128						101

1/ Simple average required for parity regulations. Weighted 1990-92 average equals 100.

Indexes of Prices Received by Months and Annual Average,
United States, 1998-2002

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg

	Commercial Vegetables												
	1910-14=100												
1998	816	775	837	1042	859	736	806	764	760	886	756	779	818
1999	702	749	806	870	786	732	696	709	700	650	654	776	736
2000	655	573	719	906	872	783	795	861	955	834	962	766	807
2001	819	968	928	920	968	805	834	967	900	701	679	641	844
2002	1082	1275	1811	833	826	769	808						1058
	1990-92=100												
1998	122	116	125	156	129	110	121	114	114	133	113	117	123
1999	105	112	121	130	118	110	104	106	105	97	98	116	110
2000	98	86	108	136	131	117	119	129	143	125	144	115	121
2001	123	145	139	138	145	120	125	145	135	105	102	96	126
2002	162	191	271	125	124	115	121						158
	Potatoes and Dry Beans												
	1910-14=100												
1998	491	524	554	546	559	539	517	481	449	415	450	475	500
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	408	448	437	466	454	489	539	632	520	461	526	586	497
2002	591	667	734	746	878	839	932						770
	1990-92=100												
1998	97	104	109	108	111	106	102	95	89	82	89	94	99
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	97	106	125	103	91	104	116	98
2002	117	132	145	147	173	166	184						152

1/ Simple average required for parity regulations. Weighted 1990-92 average equals 100.

Indexes of Prices Received by Months and Annual Average,
United States, 1998-2002

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg

	Other Crops												
	1910-14=100												
1998	532	532	532	532	532	532	532	532	532	532	532	532	532
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
	1990-92=100												
1998	108	108	108	108	108	108	108	108	108	108	108	108	108
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
	Food Commodities												
	1990-92=100												
1998	101	99	101	104	103	101	101	102	101	101	101	99	101
1999	97	96	97	97	97	97	95	99	97	92	96	93	96
2000	90	91	94	101	100	99	98	98	100	95	100	98	97
2001	96	100	105	108	110	109	110	113	109	96	97	94	104
2002	97	100	108	93	97	97	98						99

1/ Simple average required for parity regulations. Weighted 1990-92 average equals 100.

Indexes of Prices Received by Months and Annual Average,
United States, 1998-2002

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg

	Livestock and Products												
	1910-14=100												
1998	726	721	728	731	734	756	742	757	751	753	744	740	740
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	762	775	744
2001	764	780	821	833	846	864	857	852	848	798	759	737	813
2002	746	741	733	691	691	695	680						711
	1990-92=100												
1998	95	94	95	95	96	99	97	99	98	98	97	96	97
1999	96	93	95	90	94	95	95	98	98	96	98	94	95
2000	93	93	94	99	97	98	99	96	98	97	99	101	97
2001	100	102	107	109	110	113	112	111	111	104	99	96	106
2002	97	97	95	90	90	91	89						93
	Meat Animals												
	1910-14=100												
1998	851	830	834	856	888	873	808	792	745	765	728	676	804
1999	764	788	802	822	848	852	828	865	852	886	884	892	840
2000	913	933	962	1010	991	984	975	938	916	933	939	968	955
2001	987	999	1047	1052	1046	1055	1034	1016	976	924	872	863	989
2002	913	946	937	883	867	868	872						898
	1990-92=100												
1998	84	82	82	84	87	86	80	78	73	75	72	66	79
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	86						88

1/ Simple average required for parity regulations. Weighted 1990-92 average equals 100.

Indexes of Prices Received by Months and Annual Average,
United States, 1998-2002

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Dairy Products													
1910-14=100													
1998	903	916	891	860	817	873	879	953	1032	1094	1100	1112	953
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	768	799	757
2001	799	805	854	897	953	996	996	1014	1051	959	885	830	920
2002	823	805	780	768	750	713	688						761
1990-92=100													
1998	113	114	111	107	102	109	109	119	129	136	137	139	119
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	103	100	97	96	93	89	86						95
Poultry and Eggs													
1910-14=100													
1998	299	292	305	305	304	326	346	369	361	353	348	333	328
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	307	325
2002	308	282	283	255	269	287	272						279
1990-92=100													
1998	106	104	108	109	108	116	123	131	128	126	124	118	117
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	109	116
2002	109	100	101	91	96	102	97						99

1/ Simple average required for parity regulations. Weighted 1990-92 average equals 100.

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 price represents a 3-5 day period around the mid-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) was 123 (1990-92=100), unchanged from June 2002 but 0.8 percent below July 2001.

PRODUCTION INDEX: The July Farm Production, Goods, and Services Index, at 118, was unchanged from last month but 1.7 percent below last year. Lower prices in July for LP gas, feeder pigs, and hay and forages offset higher prices for feeder cattle, feed concentrates, nitrogen fertilizers, and feed grains.

Feed: The Feed Index, at 112, was 1.8 percent more than June and 2.8 percent above last July. Since June, higher prices for feed concentrates, feed grains, complete feeds, and feed supplements more than offset lower prices for hay and forages.

Livestock and Poultry: The Index for Livestock and Poultry purchases, at 96, was 1.1 percent higher than last month but 16 percent below last year. Since June, higher prices for feeder cattle more than offset lower prices for feeder pigs. The July feeder cattle price at, \$79.20 per cwt, was up \$1.80 per cwt from the June price.

Fertilizer: The Fertilizer Index, at 111, was up 1.8 percent from June but 6.7 percent less than July a year ago. Since June, higher prices for nitrogen fertilizers and mixed fertilizers more than offset lower prices for potash and phosphate materials.

Agricultural Chemicals: The Chemical Index, at 118, was unchanged from last month but 1.7 percent below last July.

Fuels: The Fuels Index, at 106, was down 0.9 percent from a month earlier and 7.8 percent below July 2001. Compared to last month, prices were lower for LP gas but higher for diesel fuel and gasoline.

Farm Machinery: The July Farm Machinery Index was 147, unchanged from June but 2.1 percent above last July.

CONSUMER PRICE INDEX: The June 2002 Consumer Price Index for all urban consumers (CPI-U) rose 0.1 percent before seasonal adjustment to a level of 179.9 (1982-84=100). This compares to the May index of 179.8. For the 12-month period ending in June, the overall index has increased 1.1 percent.

Indexes of Prices Paid by Farmers and Related Parity Ratios
United States, July 2002 With Comparisons

Indexes and Ratios	: 1910-14 = 100			: 1990-92 = 100		
	: 2001			: 2002		
	: Jul	: Jun	: Jul	: Jul	: Jun	: Jul

Prices Paid by Farmers for	:					
Commodities & Services,	:					
Interest, Taxes, & Wage	:					
Rates (PPITW)	1645	*1639	1643	124	123	123
Production	1164	*1146	1150	120	*118	118
Feed	530	*537	545	109	*110	112
Livestock and Poultry	1453	*1211	1222	114	95	96
Seeds	1329	1426	1426	134	144	144
Fertilizer	435	*400	405	119	109	111
Agricultural Chemicals	743	732	732	120	118	118
Fuels	885	*826	822	115	*107	106
Supplies & Repairs	911	*924	924	128	130	130
Autos & Trucks	3120	3061	3048	117	115	115
Farm Machinery	3616	*3694	3691	144	147	147
Building Material	1652	*1654	1654	122	122	122
Farm Services & Rent	1434	*1437	1437			
Farm Services				122	*121	121
Rent				117	120	120
Interest 1/	2845	2728	2728	114	109	109
Taxes 2/	3330	3378	3378	124	126	126
Wage Rates	5357	5705	5705	143	153	153
Production, Interest, Taxes,	:					
& Wage Rates (PITW)	1636	*1624	1629	122	*121	121
Family Living-CPI 3/	1686	*1709	1709	132	133	133

Ratio (Received\Paid)				87	80	81
Parity Ratio 4/	42	38	38			
Parity Ratio Adjusted 5/	46	40	40			
PPITW Adjusted for	:					
Productivity 6/	1121	*1145	1145			

Crop Sector (PPITW)				126	126	126
Livestock Sector (PPITW)				121	*120	120

Farm Sector (Production)				114	*110	111
Non-Farm Sector (Production)				123	*122	122

* Revised.

- 1/ Interest per acre on farm real estate debt and interest rate on farm non-real estate debt.
- 2/ Farm real estate taxes payable per acre.
- 3/ Bureau of Labor Statistics, Consumer Price Index for all urban consumers (CPI-U), for the previous month converted by the USDA.
- 4/ Ratio of index of prices received to PPITW (1910-14=100).
- 5/ Based on estimated cash receipts, from marketings and government payments, the preliminary adjustment factor is 1.052 for 2002 and the revised factor is 1.105 for 2001.
- 6/ 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 2002 With Comparisons

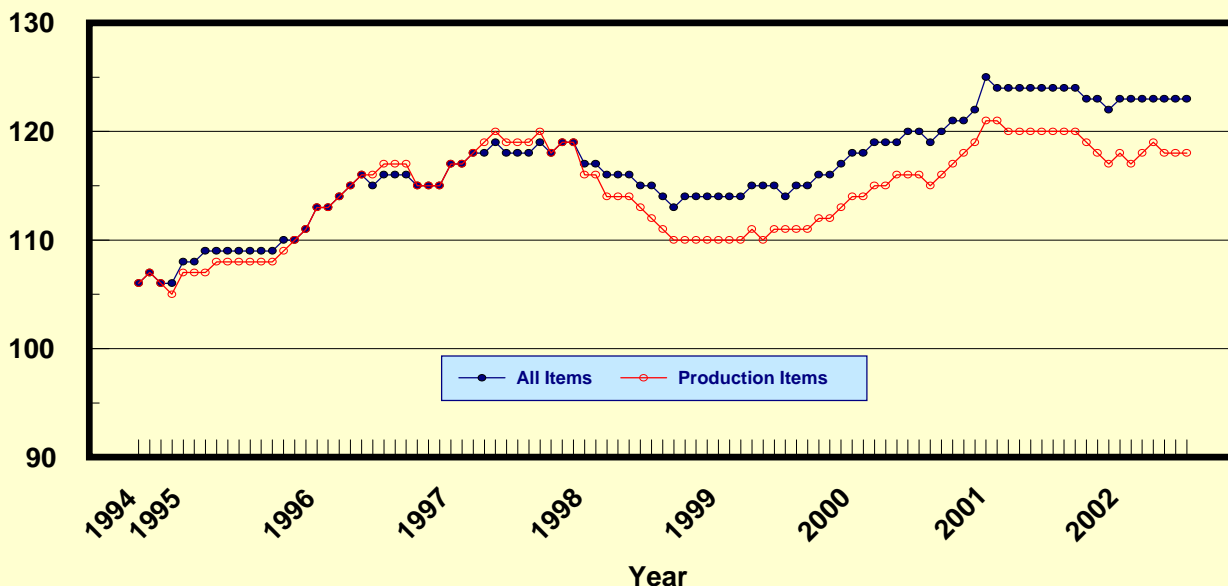
Index	Relative Weights		Input Indexes		
	: 5-Year Moving Average 1/		2001	2002	
	2001	2002	Jul	Jun	Jul
	---- Percent ----		---- (1990-92=100) ---		
Production Items	67.1	66.9	120	*118	118
Feed	11.5	11.3	109	*110	112
Feed Grains	1.6	1.6	83	*88	91
Complete Feeds	5.6	5.5	109	*112	113
Hay/Forages	1.4	1.4	122	121	120
Concentrates	1.8	1.8	116	*110	114
Supplements	1.0	0.9	117	*121	124
Livestock & Poultry	6.7	6.8	114	95	96
Feeder Cattle	5.2	5.3	111	91	94
Feeder Pigs	0.5	0.5	111	*59	52
Milk Cow Replacements	0.5	0.6	141	152	148
Poultry	0.4	0.4	109	109	109
Seeds	3.0	3.1	134	144	144
Field Crops	2.7	2.8	136	147	147
Grasses/Legumes	0.3	0.3	118	118	118
Fertilizer	4.8	4.7	119	109	111
Mixed Fertilizer	2.1	2.1	110	104	105
Nitrogen	2.0	2.0	132	*115	118
Potash & Phosphate	0.7	0.7	107	107	107
Agricultural Chemicals	4.0	3.9	120	118	118
Herbicides	2.5	2.5	112	111	111
Insecticides	0.9	0.9	143	137	137
Fungicides/Other	0.6	0.6	121	119	119
Fuels	2.6	2.7	115	*107	106
Diesel	1.5	1.5	120	103	104
Gasoline	0.7	0.8	109	114	115
LP Gas	0.4	0.4	105	*108	97
Farm Supplies & Repairs	5.6	5.5	128	130	130
Supplies	1.9	1.8	122	124	124
Repairs	3.7	3.7	131	133	133
Autos & Trucks	1.7	1.7	117	115	115
Autos	0.2	0.2	111	109	109
Trucks	1.5	1.5	118	116	115
Farm Machinery	4.0	4.0	144	147	147
Tractors	0.9	0.9	138	140	140
Self-Propelled	1.6	1.6	145	147	147
Other Machinery	1.5	1.5	147	152	152
Building Materials	2.8	3.1	122	122	122
Farm Services	12.4	12.3	122	*121	121
Custom Rates	1.3	1.3	121	121	121
Other Services	11.1	11.1	122	*121	121
Rent	7.9	7.7	117	120	120
Cash	4.0	4.2	143	145	145
Share	3.9	3.6	91	91	91
Interest	4.9	4.8	114	109	109
Taxes	3.1	3.0	124	126	126
Wage Rates	7.2	7.3	143	153	153
Family Living-CPI	17.8	18.0	132	133	133

* Revised.

1/ Weights may not add due to rounding.

Prices Paid by Farmers, Major Indexes US, by Quarter and Month 1/

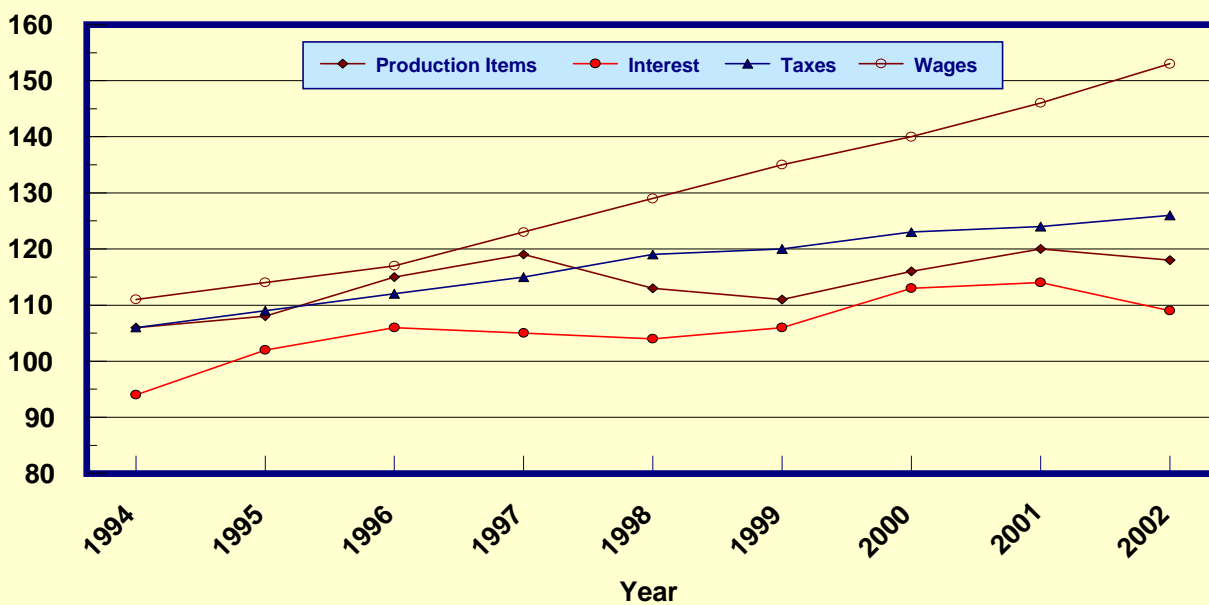
Percent (1990-92=100)



1/ Index values are monthly beginning in 1995.

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

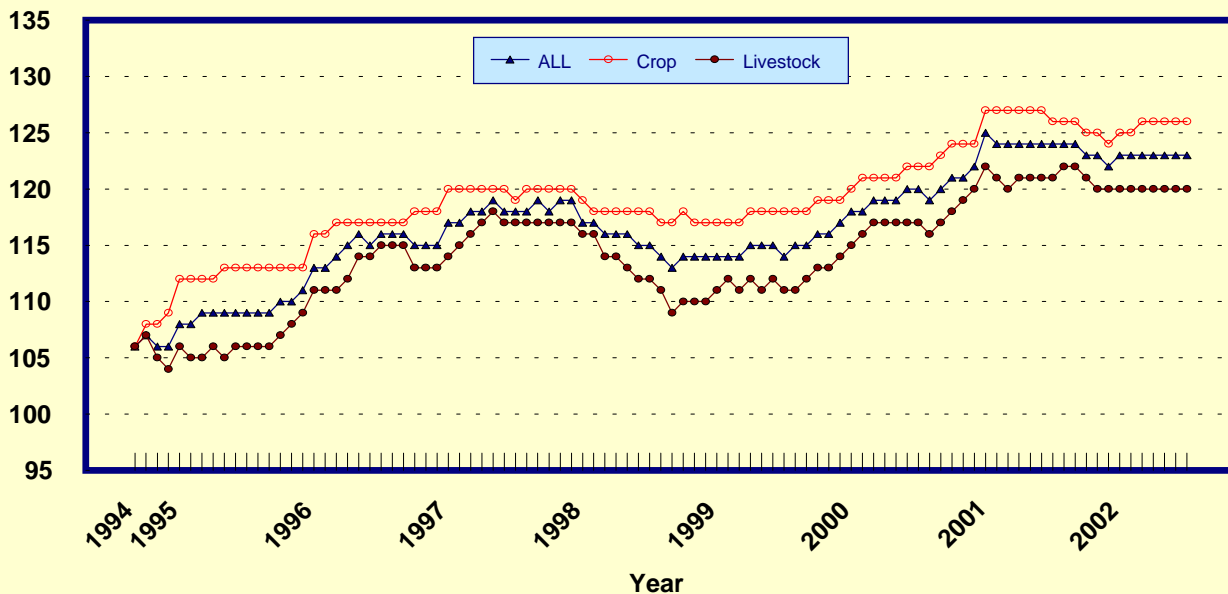
Percent (1990-92=100)



1/ Index values for 2002 are year-to-date averages.

Prices Paid by Farmers, Indexes, All Items US, By Farm Type 1/

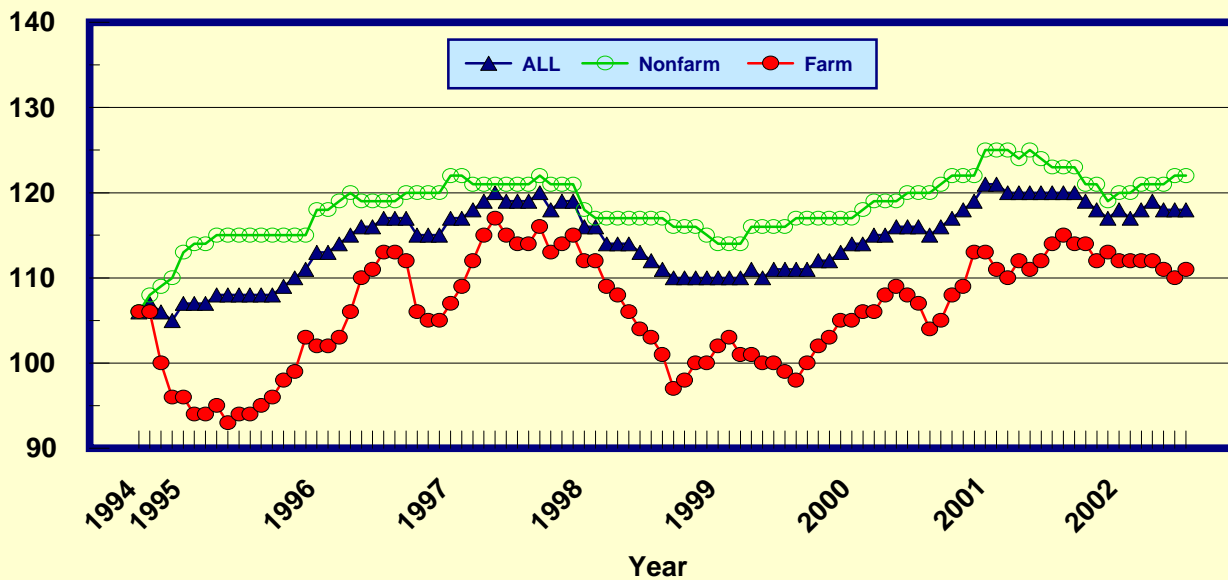
Percent (1990-92=100)



1/ Index values are monthly beginning in 1995.

Prices Paid by Farmers, Indexes, All Production Items US, By Sector Origin 1/

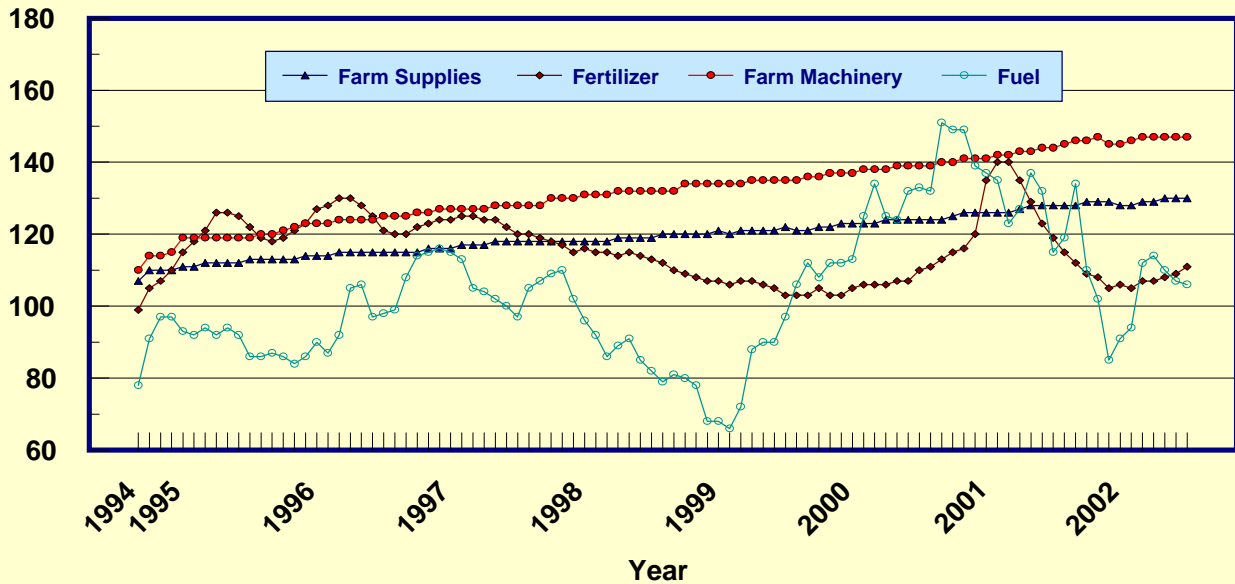
Percent (1990-92=100)



1/ Index values are monthly beginning in 1995.

Prices Paid by Farmers, Selected Production Indexes US, By Non-Farm Sector 1/

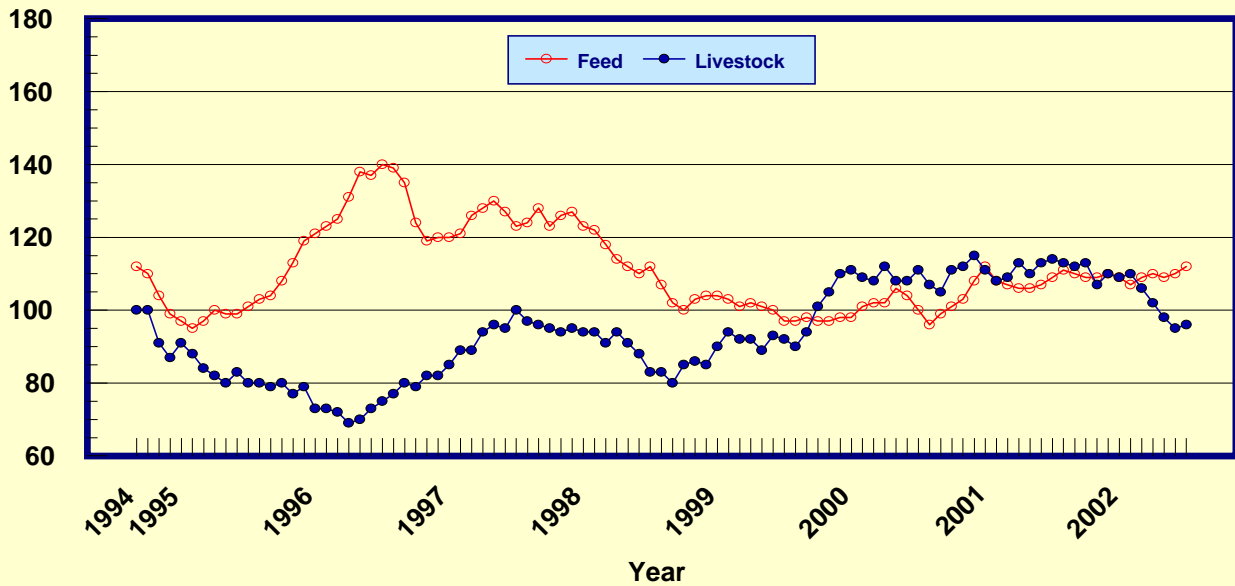
Percent (1990-92=100)



1/ Index values are monthly beginning in 1995.

Prices Paid by Farmers, Selected Production Indexes US, By Farm Sector 1/

Percent (1990-92=100)



1/ Index values are monthly beginning in 1995.

Feed Price Ratios: United States, July 2002 with Comparisons

Feed Price Ratio 1/	2001		2002	
	Jul	Jun	Jul	Jul
Broiler-Feed: Pounds of Broiler Grower Feed equal in value to 1 pound of broiler, live weight	7.9	*6.0		5.2
Market Egg Feed: Pounds of Laying Feed equal in Value to 1 dozen eggs	7.9	*9.5		6.9
Hog-Corn: Bushels of Corn equal in value to 100 pounds of hog, live weight	27.6	*18.2		18.5
Milk-Feed: Pounds of 16% Mixed Dairy Feed equal in value to 1 pound of Whole Milk	3.60	*2.56		2.38
Steer & Heifer-Corn: Bushels of Corn equal in value to 100 pounds of Steer & Heifers, live weight	40.1	*34.0		31.9
Turkey-Feed: Pounds of Turkey Grower equal in value to 1 pound of Turkey, live weight	7.9	*7.2		6.9

1/ Effective October 1998, prices of commercial prepared feeds are based on current U.S. prices received for corn, soybeans, alfalfa hay, and all wheat.
* Revised.

Prices Used to Calculate Feed Price Ratios:
United States, July 2002 with Comparisons

Commodity	Unit	2001		2002	
		Jul	Jun	Jul	Jul
Broilers, Live	Lb	0.420	0.330		0.310
Eggs, Market	Doz	0.354	0.445		0.350
Hogs, All	Cwt	51.70	*35.80		38.20
Milk, All	Cwt	16.20	*11.60		11.20
Steers and Heifers	Cwt	75.00	*67.00		66.10
Turkeys, Live	Lb	0.385	0.369		0.383
Corn	Bu	1.87	*1.97		2.07
Hay, Alfalfa, Baled	Ton	105.00	102.00		102.00
Soybeans	Bu	4.79	*4.88		5.50
Wheat, All	Bu	2.63	*2.93		3.22

* Revised.

Feeder Livestock: Prices Paid, United States
July 2002 with Comparisons

Commodity	Unit	2001		2002	
		Jul	Jun	Jul	Jul
				Dollars	
Feeders and Stockers					
Cattle and Calves	Cwt	94.40	77.40		79.20
Feeder Pigs	Cwt	102.00	54.00		48.00

Prices Paid Indexes: Monthly and Annual Average
United States, 1998-02

Year:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
:	:	:	:	:	:	:	:	:	:	:	:	:	1/
Commodities and Services, Interest, Taxes, and Wage Rates (PPITW)													
1910-14 = 100													
1998	:1561	1558	1548	1544	1540	1534	1527	1518	1506	1514	1516	1512	1532
1999	:1522	1521	1521	1529	1525	1528	1522	1525	1533	1543	1546	1553	1531
2000	:1567	1577	1585	1587	1590	1594	1593	1583	1596	1611	1617	1626	1594
2001	:1658	1654	1648	1649	1649	1650	1645	1647	1649	1642	1632	1624	1646
2002	:1633	1632	1641	1643	1638	1639	1643						1638
1990-92 = 100													
1998	: 117	117	116	116	116	115	115	114	113	114	114	114	115
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	: 125	124	124	124	124	124	124	124	124	123	123	122	124
2002	: 123	123	123	123	123	123	123						123
Items Used for Production, Interest, Taxes, and Wage Rates (PITW)													
1910-14 = 100													
1998	:1567	1562	1550	1544	1539	1531	1522	1511	1495	1505	1507	1502	1528
1999	:1513	1513	1511	1519	1513	1517	1509	1512	1519	1531	1534	1543	1520
2000	:1560	1570	1576	1579	1582	1585	1583	1571	1585	1602	1609	1620	1585
2001	:1657	1650	1643	1642	1641	1642	1636	1638	1640	1632	1621	1613	1638
2002	:1622	1620	1628	1629	1623	1624	1629						1625
1990-92 = 100													
1998	: 117	116	115	115	115	114	113	112	111	112	112	112	114
1999	: 113	113	112	113	113	113	112	113	113	114	114	115	113
2000	: 116	117	117	118	118	118	118	117	118	119	120	121	118
2001	: 123	123	122	122	122	122	122	122	122	121	121	120	122
2002	: 121	121	121	121	121	121	121						121

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

Prices Paid Indexes: Monthly and Annual Average
United States, 1998-02

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg

	Items Used for Production												
	1910-14 = 100												
1998	1124	1121	1110	1107	1102	1095	1091	1082	1067	1070	1072	1068	1092
1999	1070	1069	1068	1076	1072	1075	1072	1074	1081	1088	1090	1098	1078
2000	1102	1111	1116	1119	1122	1124	1125	1114	1127	1136	1142	1152	1124
2001	1176	1170	1164	1169	1168	1169	1164	1166	1167	1155	1145	1138	1162
2002	1141	1139	1147	1150	1145	1146	1150						1145

	1990-92 = 100												
1998	116	116	114	114	114	113	112	111	110	110	110	110	113
1999	110	110	110	111	110	111	111	111	111	112	112	113	111
2000	114	114	115	115	116	116	116	115	116	117	118	119	116
2001	121	121	120	120	120	120	120	120	120	119	118	117	120
2002	118	117	118	119	118	118	118						118

	Feed												
	1910-14 = 100												
1998	599	594	577	556	545	537	545	521	498	488	503	505	539
1999	509	503	491	498	493	487	474	475	477	475	475	478	486
2000	480	492	499	497	517	506	489	469	484	495	504	529	497
2001	545	529	520	517	519	521	530	543	539	534	534	535	530
2002	530	524	530	535	533	537	545						533

	1990-92 = 100												
1998	123	122	118	114	112	110	112	107	102	100	103	104	110
1999	104	103	101	102	101	100	97	97	98	97	97	98	100
2000	98	101	102	102	106	104	100	96	99	101	103	108	102
2001	112	108	107	106	106	107	109	111	110	109	109	110	109
2002	109	107	109	110	109	110	112						109

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

Prices Paid Indexes: Monthly and Annual Average
United States, 1998-02

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg

	Livestock and Poultry												
	1910-14 = 100												
1998	1196	1206	1166	1199	1168	1121	1059	1064	1016	1091	1097	1089	1123
1999	1154	1199	1177	1180	1142	1185	1177	1156	1203	1288	1339	1404	1217
2000	1419	1392	1375	1430	1374	1383	1425	1373	1345	1416	1438	1467	1403
2001	1417	1386	1397	1438	1401	1440	1453	1439	1429	1445	1371	1400	1418
2002	1392	1403	1358	1300	1249	1211	1222						1305

	1990-92 = 100												
1998	94	94	91	94	91	88	83	83	80	85	86	85	88
1999	90	94	92	92	89	93	92	90	94	101	105	110	95
2000	111	109	108	112	108	108	111	107	105	111	112	115	110
2001	111	108	109	113	110	113	114	113	112	113	107	110	111
2002	109	110	106	102	98	95	96						102

	Seeds												
	1910-14 = 100												
1998	1186	1186	1186	1216	1216	1216	1216	1216	1216	1216	1216	1216	1208
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	1227
2001	1238	1238	1238	1329	1329	1329	1329	1329	1329	1329	1329	1329	1306
2002	1329	1329	1329	1426	1426	1426	1426						1384

	1990-92 = 100												
1998	120	120	120	123	123	123	123	123	123	123	123	123	122
1999	123	123	123	121	121	121	121	121	121	121	121	121	121
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						140

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

Prices Paid Indexes: Monthly and Annual Average
United States, 1998-02

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg

	Fertilizer												
	1910-14 = 100												
1998	426	422	423	416	420	419	415	410	403	401	396	390	412
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	451	435	420	411	401	396	386	449
2002	390	385	391	391	394	400	405						394

	1990-92 = 100												
1998	116	115	115	114	115	114	113	112	110	109	108	107	112
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	112	109	108	105	123
2002	106	105	107	107	108	109	111						107

	Agricultural Chemicals												
	1910-14 = 100												
1998	763	760	760	755	756	759	757	764	743	753	752	754	756
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	734	735	733	732	732	732						734

	1990-92 = 100												
1998	123	123	123	122	122	123	122	124	120	122	122	122	122
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	120
2002	119	119	119	119	118	118	118						119

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

Prices Paid Indexes: Monthly and Annual Average
United States, 1998-02

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg

	Fuels												
	1910-14 = 100												
1998	740	708	664	685	699	653	630	606	624	620	603	525	646
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	1054	1022	885	921	1031	850	790	655	937
2002	704	728	868	878	847	826	822						810
	1990-92 = 100												
1998	96	92	86	89	91	85	82	79	81	80	78	68	84
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	137	132	115	119	134	110	102	85	121
2002	91	94	112	114	110	107	106						105
	Farm Supplies and Repairs												
	1910-14 = 100												
1998	838	839	840	845	844	846	848	848	851	854	851	850	846
1999	856	855	858	860	859	860	864	862	861	866	867	871	861
2000	870	871	872	878	878	879	882	883	884	886	891	893	881
2001	896	895	896	900	905	906	911	912	912	912	914	919	906
2002	912	912	914	919	923	924	924						918
	1990-92 = 100												
1998	118	118	118	119	119	119	119	120	120	120	120	120	119
1999	121	120	121	121	121	121	122	121	121	122	122	123	121
2000	123	123	123	124	124	124	124	124	124	125	126	126	124
2001	126	126	126	127	128	128	128	128	128	129	129	129	128
2002	128	128	129	129	130	130	130						129

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

Prices Paid Indexes: Monthly and Annual Average
United States, 1998-02

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg

	Autos and Trucks												
	1910-14 = 100												
1998	3169	3170	3170	3171	3147	3125	3133	3138	3133	3133	3160	3173	3152
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	3048						3088

	1990-92 = 100												
1998	119	119	119	119	118	118	118	118	118	118	119	119	119
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						116

	Farm Machinery												
	1910-14 = 100												
1998	3274	3279	3288	3300	3303	3309	3311	3316	3321	3354	3350	3352	3313
1999	3360	3363	3366	3377	3384	3388	3393	3398	3409	3417	3430	3436	3393
2000	3442	3452	3460	3474	3481	3484	3489	3495	3512	3521	3530	3538	3490
2001	3543	3561	3569	3580	3593	3603	3616	3628	3653	3674	3685	3631	3611
2002	3643	3656	3689	3700	3697	3694	3691						3681

	1990-92 = 100												
1998	131	131	131	132	132	132	132	132	132	134	134	134	132
1999	134	134	134	135	135	135	135	135	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	144	144	145	146	146	147	145	144
2002	145	146	147	147	147	147	147						147

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

Prices Paid Indexes: Monthly and Annual Average
United States, 1998-02

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg

	Building Materials												
	1910-14 = 100												
1998	1599	1600	1604	1607	1606	1604	1609	1611	1610	1604	1602	1602	1605
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	1643	1643	1645	1652	1654	1654	1654						1649
	1990-92 = 100												
1998	118	118	118	118	118	118	118	119	119	118	118	118	118
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						121
	Farm Services and Rent 2/												
	1910-14 = 100												
1998	1394	1391	1391	1391	1393	1402	1402	1400	1397	1392	1387	1386	1394
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	1416	1422
2002	1427	1425	1426	1425	1426	1437	1437						1429
	Farm Services												
	1990-92 = 100												
1998	115	115	115	115	115	116	116	116	116	115	114	114	115
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						120
	Rent												
	1990-92 = 100												
1998	120	120	120	120	120	120	120	120	120	120	120	120	120
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	120	120	120	120	120	120	120						120

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

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

Prices Paid Indexes: Monthly and Annual Average
United States, 1998-02

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg 1/
Interest													
1910-14 = 100													
1998	2617	2617	2617	2617	2617	2617	2617	2617	2617	2617	2617	2617	2617
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	2845	2845	2845	2845	2845	2845	2845	2845	2845	2845	2845	2845	2845
2002	2728	2728	2728	2728	2728	2728	2728						2728
1990-92 = 100													
1998	104	104	104	104	104	104	104	104	104	104	104	104	104
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	114	114	114	114	114	114	114	114	114	114	114	114	114
2002	109	109	109	109	109	109	109						109
Taxes													
1910-14 = 100													
1998	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185
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
1990-92 = 100													
1998	119	119	119	119	119	119	119	119	119	119	119	119	119
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
Wage Rates													
1910-14 = 100													
1998	4917	4917	4917	4840	4840	4840	4685	4685	4685	4911	4911	4911	4838
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	5235
2001	5596	5596	5596	5369	5369	5369	5357	5357	5357	5550	5550	5550	5468
2002	5789	5789	5789	5705	5705	5705	5705						5741
1990-92 = 100													
1998	131	131	131	129	129	129	125	125	125	131	131	131	129
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	153						153

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

Prices Paid Indexes: Monthly and Annual Average
United States, 1998-02

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg

	Family Living												
	1910-14 = 100												
1998	1535	1538	1541	1543	1546	1548	1550	1552	1554	1558	1558	1557	1548
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	1709						1700

	1990-92 = 100												
1998	120	120	120	121	121	121	121	121	121	122	122	122	121
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	133						133

	Production Items With Farm Origin 2/												
	1990-92 = 100												
1998	112	112	109	108	106	104	103	101	97	98	100	100	104
1999	102	103	101	101	100	100	99	98	100	102	103	105	101
2000	105	106	106	108	109	108	107	104	105	108	109	113	107
2001	113	111	110	112	111	112	114	115	114	114	112	113	113
2002	112	112	112	112	111	110	111						111

	Production Items With Non-Farm Origin 3/												
	1990-92 = 100												
1998	118	117	117	117	117	117	117	117	116	116	116	115	117
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	125	124	123	123	123	121	121	119	123
2002	120	120	121	121	121	122	122						121

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

2/ Feed, livestock and poultry purchases, and seed.

3/ 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, 1998-02

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg

	Parity Ratio 2/												
	1910-14 = 100												
1998	42	41	42	43	43	42	42	42	42	42	42	41	42
1999	40	40	41	40	41	40	39	41	40	37	38	38	40
2000	37	37	38	40	40	39	39	39	39	37	39	38	39
2001	37	38	40	41	42	41	42	42	41	37	36	36	39
2002	37	38	41	37	38	38	38						38

	Adjusted Parity Ratio 3/												
	1910-14 = 100												
1998	45	44	45	46	45	45	45	45	45	44	44	44	45
1999	45	45	45	45	45	45	44	45	44	42	42	42	44
2000	41	41	42	45	45	44	43	43	44	41	43	43	43
2001	41	42	44	45	46	46	46	47	45	40	40	40	44
2002	39	40	43	38	40	40	40						40

	Ratio												
	1990-92 = 100												
1998	88	87	89	91	90	89	89	89	88	87	88	87	89
1999	85	84	85	84	85	84	82	84	83	78	80	79	83
2000	76	78	80	84	84	83	81	82	82	77	81	80	81
2001	77	81	83	85	87	86	87	89	85	77	76	76	82
2002	77	80	86	77	80	80	81						80

- 1/ Simple average and is year-to-date for current year.
2/ Ratio of index of prices received by farmers to index of prices paid for commodities and services, interest, taxes, and wage rates.
3/ 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, 1998-02

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg

	Crop Sector (PPITW)												
	1990-92 = 100												
1998	119	118	118	118	118	118	118	117	117	118	117	117	118
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	127	126	126	126	125	125	124	126
2002	125	125	126	126	126	126	126						126

	Livestock Sector (PPITW)												
	1990-92 = 100												
1998	116	116	114	114	113	112	112	111	109	110	110	110	112
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	121	121	121	121	122	122	121	120	120	121
2002	120	120	120	120	120	120	120						120

	Commodities and Services, Interest, Taxes, and Wage Rates: Adjusted for Productivity												
	1910-14 = 100												
1998	1045	1045	1043	1038	1038	1037	1026	1024	1022	1039	1039	1038	1036
1999	1049	1049	1049	1048	1047	1048	1037	1038	1041	1053	1054	1055	1047
2000	1080	1083	1086	1086	1087	1089	1082	1081	1084	1103	1104	1105	1089
2001	1136	1137	1136	1122	1123	1124	1121	1122	1123	1134	1132	1130	1128
2002	1145	1146	1149	1145	1144	1145	1145						1146

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

Prices Paid Index Sub-Components: Monthly and Annual Average
United States, 1998-02

Year:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg

	Feed Sub-Components												
	Feed Grains												
	1990-92 = 100												
1998	109	109	108	102	99	98	94	82	79	81	82	84	94
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	91						86
	Complete Feeds												
	1990-92 = 100												
1998	121	119	118	115	113	112	114	112	106	104	107	108	112
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	109	113	113	113	112	113	111
2002	112	111	112	112	111	112	113						112
	Hay and Forages												
	1990-92 = 100												
1998	123	125	123	122	121	116	115	114	111	108	107	103	116
1999	104	105	103	104	112	104	102	101	100	99	99	96	102
2000	97	99	100	102	115	107	104	104	107	108	109	109	105
2001	110	113	117	124	131	120	122	123	123	123	124	120	121
2002	120	117	118	127	127	121	120						121
	Concentrates												
	1990-92 = 100												
1998	131	131	122	110	109	110	120	107	103	97	102	102	112
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	116	116	111	110	109	104	110
2002	103	101	104	104	106	110	114						106

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

Prices Paid Index Sub-Components: Monthly and Annual Average
United States, 1998-02

Year:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg

:	Supplements												
:	1990-92 = 100												
:													
1998	139	133	125	122	116	108	109	107	104	105	110	113	116
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	120	118	123	123	120
2002	121	120	123	123	118	121	124						122
:													
:	Livestock and Poultry Sub-Components												
:													
:	Feeder Cattle												
:	1990-92 = 100												
:													
1998	95	95	92	95	92	87	81	82	78	85	86	85	88
1999	89	91	88	88	84	89	93	91	95	101	104	109	93
2000	109	105	102	107	101	106	111	107	104	111	113	114	107
2001	109	105	106	109	106	112	111	110	110	110	102	104	108
2002	102	103	99	95	92	91	94						97
:													
:	Feeder Pigs												
:	1990-92 = 100												
:													
1998	68	81	68	70	72	70	65	62	55	55	53	55	65
1999	66	96	103	106	109	96	52	46	58	73	88	111	84
2000	126	137	147	159	159	118	114	103	98	101	106	118	124
2001	125	133	136	143	127	115	111	109	106	105	110	123	120
2002	138	146	138	111	88	59	52						105
:													
:	Milk Cow Replacements												
:	1990-92 = 100												
:													
1998	95	95	95	98	98	98	99	99	99	105	105	105	99
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	123	123	141	141	141	151	151	151	133
2002	143	143	143	152	152	152	148						147

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

Prices Paid Index Sub-Components: Monthly and Annual Average
United States, 1998-02

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg

	Poultry												
	1990-92 = 100												
1998	106	106	106	106	106	106	106	106	106	106	106	106	106
1999	109	109	109	109	109	109	109	109	109	109	109	109	109
2000	109	109	109	109	109	109	109	109	109	109	109	109	109
2001	109	109	109	108	109	109	109	109	109	109	109	109	109
2002	109	109	107	109	109	109	109						109

	Seeds Sub-Components												
	Field Crops												
	1990-92 = 100												
1998	119	119	119	123	123	123	123	123	123	123	123	123	122
1999	123	123	123	121	121	121	121	121	121	121	121	121	121
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						142

	Grasses and Legumes												
	1990-92 = 100												
1998	130	130	130	123	123	123	123	123	123	123	123	123	124
1999	123	123	123	121	121	121	121	121	121	121	121	121	121
2000	121	121	121	115	115	115	115	115	115	115	115	115	116
2001	115	115	115	118	118	118	118	118	118	118	118	118	117
2002	118	118	118	118	118	118	118						118

	Fertilizer Sub-Components												
	Mixed Fertilizer												
	1990-92 = 100												
1998	119	118	118	117	116	116	116	116	116	115	115	114	116
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	105	109
2002	104	102	104	104	104	104	105						104

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

Prices Paid Index Sub-Components: Monthly and Annual Average
United States, 1998-02

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg

	Nitrogen												
	1990-92 = 100												
1998	115	114	114	111	113	112	110	106	102	101	98	95	108
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	154	141	132	124	120	114	111	107	142
2002	109	108	109	110	111	115	118						111

	Potash and Phosphate												
	1990-92 = 100												
1998	111	111	112	114	115	115	115	116	114	117	117	116	115
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	105	106	100	108
2002	106	107	108	108	108	107	107						107

	Agricultural Chemicals Sub-Components												
	Herbicides												
	1990-92 = 100												
1998	120	119	119	118	118	118	119	121	115	115	116	117	118
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	112	112
2002	112	111	112	112	111	111	111						112

	Insecticides												
	1990-92 = 100												
1998	135	136	136	136	136	136	134	135	136	141	138	138	136
1999	140	138	142	139	140	145	142	138	138	142	142	140	140
2000	140	142	144	142	146	146	146	146	147	147	144	146	145
2001	159	145	144	144	145	144	143	142	141	140	139	139	144
2002	139	138	138	137	137	137	137						138

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

Prices Paid Index Sub-Components: Monthly and Annual Average
United States, 1998-02

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg

	Fungicides and Other												
	1990-92 = 100												
1998	121	120	120	119	120	120	121	117	118	118	119	119	119
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	119
2001	120	120	121	121	121	121	121	120	120	120	120	120	120
2002	120	120	120	119	119	119	119						120

	Fuels Sub-Components												
	Diesel												
	1990-92 = 100												
1998	89	85	80	84	84	76	74	73	79	77	74	63	78
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	134	131	120	121	137	114	108	86	122
2002	91	93	109	110	105	103	104						102

	Gasoline												
	1990-92 = 100												
1998	98	93	87	92	98	96	92	84	82	84	79	67	88
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	139	130	109	119	136	105	94	82	115
2002	89	96	116	118	115	114	115						109

	LP Gas												
	1990-92 = 100												
1998	115	110	104	100	102	96	91	89	87	88	92	92	97
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	116	103	95	86	132
2002	94	96	120	121	120	108	97						108

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

Prices Paid Index Sub-Components: Monthly and Annual Average
United States, 1998-02

Year:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
:	:	:	:	:	:	:	:	:	:	:	:	:	1/
Farm Supplies & Repairs Sub-Components													
Supplies													
1990-92 = 100													
1998	114	114	115	115	115	116	116	116	115	116	115	115	115
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	121	122	123	124	124	124						123
Repairs													
1990-92 = 100													
1998	120	120	120	121	121	121	121	121	122	123	122	122	121
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	133	131
2002	132	132	132	133	133	133	133						133
Autos and Trucks Sub-Components													
Autos													
1990-92 = 100													
1998	114	113	113	113	113	112	112	112	112	112	113	113	113
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						110
Trucks													
1990-92 = 100													
1998	120	120	120	120	119	118	119	119	119	119	120	120	119
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	115						117

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

Prices Paid Index Sub-Components: Monthly and Annual Average
United States, 1998-02

Year:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg

:	:	:	:	:	:	:	:	:	:	:	:	:	:
:	:	:	:	:	:	:	:	:	:	:	:	:	1/

:	Farm Machinery Sub-Components												
:													
:	Tractors												
:	1990-92 = 100												
:													
1998 :	129	129	130	130	130	130	130	130	130	132	132	132	130
1999 :	132	132	132	132	132	132	132	133	133	134	134	135	133
2000 :	135	135	136	136	136	136	136	137	137	137	138	138	136
2001 :	138	138	138	138	138	138	138	138	138	139	139	139	138
2002 :	139	139	140	140	140	140	140						140
:													
:	Self Propelled												
:	1990-92 = 100												
:													
1998 :	130	130	130	131	131	131	131	131	131	133	133	133	131
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	144	144	145	145	147	148	148	143	144
2002 :	144	145	146	147	147	147	147						146
:													
:	Other Machinery												
:	1990-92 = 100												
:													
1998 :	132	132	133	133	133	134	134	134	135	135	135	135	134
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	148	149	149	150	150	147
2002 :	150	151	152	153	152	152	152						152
:													
:	Farm Services Sub-Components												
:													
:	Custom Rates												
:	1990-92 = 100												
:													
1998 :	117	117	117	117	117	117	117	117	117	117	117	117	117
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 :	121	121	121	121	121	121	121						121

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

Prices Paid Index Sub-Components: Monthly and Annual Average
United States, 1998-02

Year:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg

	Other Services												
	1990-92 = 100												
1998	115	115	115	114	115	116	116	116	115	115	114	114	115
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	119	119	119	120	121	121						120

	Rent Sub-Components												
	Cash												
	1990-92 = 100												
1998	135	135	135	135	135	135	135	135	135	135	135	135	135
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	145	145	145	145	145	145	145						145

	Share												
	1990-92 = 100												
1998	107	107	107	107	107	107	107	107	107	107	107	107	107
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

1/ 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 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).

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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.

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