



Agricultural Prices

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November Prices Received Index Up 4.5 Percent

The November Prices Received Index 2011 Base (Agricultural Production), at 133.4, increased 4.5 percent from October and 23 percent from November 2021. At 127.1, the Crop Production Index was up 4.3 percent from last month and 19 percent from the previous year. The Livestock Production Index, at 143.4, increased 3.2 percent from October and 30 percent from November last year. Producers received higher prices during November for lettuce, soybeans, market eggs, and cattle but lower prices for hogs, hay, milk, and cotton. In addition to prices, the volume change of commodities marketed also influences the indexes. In November, there was increased monthly movement for corn, milk, cattle, and cotton and decreased marketing of soybeans, grapes, lettuce, and wheat.

November Prices Paid Index Unchanged

The November Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 137.1, is unchanged from October 2022 but up 11 percent from November 2021. Higher prices for feeder cattle, feeder pigs, concentrates, and nitrogen offset lower prices for other services, hay & forages, complete feeds, and other machinery.

Prices Received, Prices Paid, and Ratio of Prices Received to Prices Paid Indexes 2011 Base – United States: November 2022 with Comparisons

Index Group	November 2021	October 2022	November 2022
	(percent)	(percent)	(percent)
Prices received by farmers	108.6	127.7	133.4
Prices paid by farmers	123.7	137.1	137.1
Ratio of prices received to prices paid	88	93	97

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November Prices Received by Farmers

Crop production: The November index, at 127.1, is 4.3 percent higher than October and 18 percent higher than November 2021. The vegetable & melon and grain & oilseed index increases more than offset the other crop and fruit & tree nut index decreases.

Grain and oilseed: The November index, at 110.8, is up 1.5 percent from October and 19 percent from November 2021. The food grain and oilseed index increases more than offset the feed grain index decrease.

Feed grain: The November index, at 108.6, decreased slightly from last month but increased 24 percent from a year ago. The corn price, at \$6.49 per bushel, is down 1 cent from last month but up \$1.23 from November 2021.

Food grain: At 124.7, the index for November increased slightly from the previous month and 10 percent from a year ago. The November price for rice, at \$18.00 per cwt, is 50 cents higher than October and \$2.30 higher than November 2021. The November price for all wheat, at \$9.16 per bushel, is 5 cents lower than October but 64 cents higher than November 2021.

Oilseed: At 112.0, the index for November increased 3.7 percent from October and 15 percent from November 2021. The soybean price, at \$14.00 per bushel, is 50 cents higher than October and \$1.90 higher than November a year earlier.

Fruit and tree nut: The November index, at 155.2, is down 1.3 percent from October but up 15 percent from a year earlier. Price decreases during November for oranges and lemons more than offset price increases for strawberries, apples, pears, and grapefruit.

Vegetable and melon: At 304.0, the index for November is up 27 percent from the previous month and 75 percent from November 2021. Price increases during November for lettuce, cauliflower, broccoli, and celery more than offset price declines for onions and cucumbers.

Other crop: The November index, at 111.4, is down 9.5 percent from the previous month but up 6.0 percent from November 2021. The all hay price, at \$239.00 per ton, is \$11.00 lower than October but \$47.00 higher than November 2021. At 80.0 cents per pound, the price for upland cotton is 6.4 cents lower than October and 5.9 cents lower than November 2021.

Livestock production: The index for November, at 143.4, increased 3.2 percent from the previous month and 30 percent from November a year earlier. Higher poultry & egg and meat animal index increases offset the dairy index decrease.

Meat animal: At 124.7, the November index increased 1.7 percent from the previous month and 17 percent from a year earlier. The November beef cattle price of \$151.00 per cwt is \$6.00 higher than the previous month and \$22.00 higher than November 2021. At \$66.70 per cwt, the November hog price is \$3.80 lower than October but \$8.10 higher than a year earlier.

Dairy: The index for November, at 127.4, is down 1.2 percent from the previous month but up 24 percent from November a year ago. The November all milk price of \$25.60 per cwt is 30 cents lower than October but \$4.90 higher than November 2021.

Poultry and egg: At 207.2, the November index increased 9.5 percent from October and 67 percent from November 2021. The November market egg price, at \$3.43 per dozen, is 61.0 cents higher than October and \$2.50 higher than November 2021. The November broiler price, at 71.4 cents per pound, is 1.9 cents higher than October and 12.2 cents higher than a year ago. At \$1.26 per pound, the November turkey price is 0.5 cents higher than the previous month and 41.6 cents higher than November 2021.

Food Commodities: The index, at 145.3, increased 8.6 percent from the previous month and 27 percent from November 2021.

Prices Received Indexes, 2011 Base – United States: November 2022 with Comparisons

[Revised historical price indexes for months not shown are available at www.nass.usda.gov]

Index Group	2011 Base		
	November 2021	October 2022	November 2022
	(percent)	(percent)	(percent)
Agricultural production	108.6	127.7	133.4
Crop production	107.3	121.9	127.1
Grain and oilseed	93.2	109.2	110.8
Feed grain	87.9	108.7	108.6
Food grain	113.4	124.2	124.7
Oilseed	97.4	108.0	112.0
Fruit and tree nut	134.8	157.3	155.2
Vegetable and melon	174.1	238.9	304.0
Other crop	105.1	123.1	111.4
Livestock production	110.2	138.9	143.4
Meat animal	106.9	122.6	124.7
Cattle	113.3	127.8	132.7
Hog	88.1	106.0	100.3
Dairy	103.0	128.9	127.4
Poultry and egg	124.4	189.3	207.2
Food commodity	114.5	133.8	145.3

Prices Received Indexes, 1910-1914 Base – United States: November 2022 with Comparisons

[Revised historical price indexes for months not shown are available at www.nass.usda.gov]

Index Group	1910 - 1914 Base		
	November 2021	October 2022	November 2022
	(percent)	(percent)	(percent)
Agricultural production	1121	1318	1377
Crop production	936	1063	1108
Livestock production	1280	1613	1665

Prices Received Indexes, 2011 Base by Month for Selected Groups – United States: 2021 and 2022

[Revised historical price indexes for months not shown are available at www.nass.usda.gov. Blank data cells indicate estimation period has not yet begun]

Month	2011 Base							
	Agricultural production		Crop production		Livestock production		Food commodities	
	2021	2022	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January	89.5	111.8	88.3	104.8	91.2	124.3	94.0	119.0
February	94.8	120.0	97.2	114.5	92.6	126.1	96.8	125.6
March	97.6	127.5	98.4	120.8	96.8	134.5	100.0	133.6
April	104.3	133.9	105.0	122.7	103.6	145.2	106.9	139.7
May	106.3	134.8	106.0	123.4	106.6	146.0	107.7	140.6
June	107.3	135.0	107.4	125.9	107.2	145.0	108.7	140.4
July	106.9	133.9	106.7	124.7	107.1	145.8	107.9	139.0
August	109.5	131.5	110.4	128.7	108.7	134.7	110.6	135.4
September	108.6	131.2	108.5	127.0	108.6	136.4	111.2	135.4
October	106.8	127.7	106.2	121.9	107.8	138.9	111.6	133.8
November	108.6	133.4	107.3	127.1	110.2	143.4	114.5	145.3
December	112.7		106.4		120.1		118.3	

Prices Paid Indexes, 2011 Base by Month for Selected Groups – United States: 2021 and 2022

[Revised historical price indexes for months not shown are available at www.nass.usda.gov. Blank data cells indicate estimation period has not yet begun]

Month	2011 Base							
	All items (PPITW)		Production		Crop sector		Livestock sector	
	2021	2022	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January	113.4	128.6	109.0	126.4	113.7	128.8	113.0	128.4
February	114.7	130.7	110.7	129.1	114.3	130.2	115.0	131.2
March	116.0	132.6	112.3	131.4	115.4	131.9	116.5	133.3
April	116.9	135.0	113.6	135.0	116.0	134.9	117.9	135.1
May	117.9	135.0	114.7	134.7	116.9	135.3	118.9	134.7
June	119.2	135.6	116.3	135.1	118.3	135.9	120.0	135.3
July	120.4	136.2	117.3	135.5	119.6	135.7	121.1	136.7
August	120.9	136.8	117.9	136.4	120.1	135.9	121.7	137.8
September	121.2	136.7	118.4	136.2	121.0	135.7	121.5	137.7
October	122.6	137.1	120.0	136.5	122.7	136.8	122.5	137.4
November	123.7	137.1	121.4	136.6	124.0	136.6	123.4	137.6
December	125.1		123.3		125.1		125.1	

Prices Received for Field Crops and Fruits – United States: November 2022 with Comparisons

Commodity	2011 Base Price	November 2021	October 2022	November 2022
Field crops				
Barley, all dollars/bushel	4.79	5.22	7.47	7.24
Feed dollars/bushel	4.59	5.56	5.70	6.14
Malting dollars/bushel	4.83	5.17	7.63	7.38
Beans, dry edible dollars/cwt	34.60	36.80	41.80	39.90
Canola dollars/cwt	23.10	31.70	28.10	29.20
Chickpeas, all dollars/cwt	35.70	37.70	32.30	34.10
Large dollars/cwt	39.20	39.00	33.80	34.80
Small dollars/cwt	23.40	20.10	30.60	29.50
Corn dollars/bushel	6.02	5.26	6.50	6.49
Cotton, Upland dollars/pound	0.880	0.859	0.864	0.800
Cottonseed dollars/ton	131.00	244.00	338.00	323.00
Flaxseed dollars/bushel	14.20	26.10	18.60	19.50
Hay, all, baled dollars/ton	159.00	192.00	250.00	239.00
Alfalfa dollars/ton	176.00	213.00	281.00	267.00
Other dollars/ton	119.00	155.00	180.00	182.00
Lentils dollars/cwt	27.50	32.70	34.80	33.00
Oats dollars/bushel	3.42	4.81	4.38	4.36
Peanuts, in-shell dollars/pound	0.252	0.254	0.266	0.299
Peas, dry edible dollars/cwt	13.60	22.20	15.30	14.60
Rice, all dollars/cwt	13.70	15.70	17.50	18.00
Long dollars/cwt	12.30	13.10	16.20	16.50
Medium and short dollars/cwt	18.40	24.60	23.50	24.60
Sorghum grain dollars/cwt	10.70	10.10	12.50	12.70
Soybeans dollars/bushel	12.50	12.10	13.50	14.00
Sunflowers, all dollars/cwt	29.00	30.30	29.30	28.40
Wheat, all dollars/bushel	7.44	8.52	9.21	9.16
Winter dollars/bushel	6.93	7.78	9.14	8.92
Durum dollars/bushel	9.22	14.00	10.20	10.40
Other spring dollars/bushel	8.33	8.84	9.15	9.24
Hard red winter dollars/bushel	7.07	7.65	9.50	9.09
Soft red winter dollars/bushel	6.77	7.31	8.56	8.07
Hard red spring dollars/bushel	8.38	8.88	9.18	9.29
White dollars/bushel	6.58	8.29	8.44	8.67
Fruits				
Citrus, equivalent on-tree				
Grapefruit dollars/box	7.47	21.03	25.60	27.48
Lemons dollars/box	12.30	22.24	24.35	20.24
Oranges dollars/box	8.16	18.21	27.23	17.71
Non-citrus, fresh ¹				
Apples dollars/pound	0.325	0.715	0.810	0.841
Grapes dollars/ton	598.00	2,100.00	2,270.00	2,270.00
Peaches dollars/ton	507.00	(S)	(S)	(S)
Pears dollars/ton	559.00	1,230.00	1,220.00	1,260.00
Strawberries dollars/cwt	104.00	301.00	258.00	349.00

(S) Insufficient number of reports to establish an estimate.

¹ Beginning February 2020, price reflects FOB shipping point basis.

Prices Received for Vegetables and Livestock – United States: November 2022 with Comparisons

[Price data source for potato, livestock, and poultry commodities is United States Department of Agriculture's Agricultural Marketing Service]

Commodity	2011 Base Price	November 2021	October 2022	November 2022
Vegetables, fresh ¹				
Asparagus dollars/cwt	37.50	(S)	(S)	(S)
Beans, snap dollars/cwt	69.00	80.40	112.00	125.00
Broccoli dollars/cwt	41.60	116.00	137.00	181.00
Cantaloupes dollars/cwt	16.50	51.40	37.60	50.00
Carrots dollars/cwt	30.80	40.50	48.30	49.70
Cauliflower dollars/cwt	47.00	52.70	101.00	263.00
Celery dollars/cwt	22.50	54.50	50.70	97.40
Corn, sweet dollars/cwt	30.70	66.50	42.60	55.00
Cucumbers dollars/cwt	18.70	27.90	49.80	43.00
Lettuce dollars/cwt	24.30	63.00	126.00	181.00
Onions ² dollars/cwt	11.90	34.70	34.00	32.70
Potatoes dollars/cwt	14.30	13.50	18.50	20.40
Tomatoes dollars/cwt	51.20	70.70	107.00	131.00
Livestock				
Calves dollars/cwt	142.00	174.00	200.00	203.00
Cattle, all beef dollars/cwt	115.00	129.00	145.00	151.00
Cows ³ dollars/cwt	71.60	69.20	84.10	78.40
Steers and heifers dollars/cwt	117.00	132.00	148.00	154.00
Milk cows ⁴ dollars/head	1,420.00	(NA)	1,730.00	(NA)
Hogs, all dollars/cwt	66.50	58.60	70.50	66.70
Barrows and gilts dollars/cwt	66.80	58.20	70.50	66.90
Sows dollars/cwt	57.90	69.60	70.40	63.80
Dairy and poultry				
Milk, all ⁵ dollars/cwt	20.10	20.70	25.90	25.60
Fat test percent	4.23	4.15	4.14	4.23
Broilers, live ⁶ dollars/pound	0.459	0.592	0.695	0.714
Eggs, all dollars/dozen	0.969	1.09	2.81	3.34
Market ⁷ dollars/dozen	0.796	0.846	2.82	3.43
Turkeys, live ⁸ dollars/pound	0.680	0.839	1.25	1.26
Adjusted for seasonal variation				
Eggs, all dollars/dozen	0.979	0.978	3.16	3.05
Seasonal factor percent	101	111	89	110
Milk, all dollars/cwt	20.20	19.80	24.80	24.50
Seasonal factor percent	100	105	104	105

(NA) Not available.

(S) Insufficient number of reports to establish an estimate.

¹ Beginning February 2020, price reflects FOB shipping point basis

² Includes some processing.

³ Beef cows and cull dairy cows sold for slaughter.

⁴ Animals sold for dairy herd replacement only. Prices available for January, April, July, and October.

⁵ Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.

⁶ Live weight equivalent price.

⁷ Also referred to as table eggs.

⁸ Live weight equivalent price is used when actual live weight price is not available. Beginning January 2011, price reflects FOB shipping point basis. Prior year price reflects delivered basis.

Prices Received for All Wheat, Corn, and Soybeans by Month – United States: 2022 with Comparisons

[Blank data cells indicate estimation period has not yet begun]

Month	All wheat			Corn			Soybeans		
	2020	2021	2022	2020	2021	2022	2020	2021	2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
January	4.88	5.48	8.48	3.79	4.24	5.58	8.84	10.90	12.90
February	4.88	5.83	9.16	3.78	4.75	6.09	8.60	12.70	14.70
March	4.86	5.86	9.93	3.68	4.89	6.56	8.47	13.20	15.40
April	4.85	6.04	10.20	3.29	5.31	7.07	8.35	13.90	15.80
May	4.76	6.46	10.90	3.20	5.91	7.26	8.28	14.80	16.10
June	4.57	6.23	9.55	3.16	6.00	7.38	8.34	14.50	16.40
July	4.54	6.26	8.69	3.21	6.12	7.25	8.50	14.10	15.50
August	4.54	7.14	8.55	3.12	6.32	7.24	8.66	13.70	15.30
September ...	4.73	7.75	8.85	3.41	5.47	7.09	9.24	12.20	14.10
October	4.98	7.92	9.21	3.61	5.02	6.50	9.63	11.90	13.50
November	5.24	8.52	9.16	3.79	5.26	6.49	10.30	12.10	14.00
December	5.46	8.59		3.97	5.47		10.60	12.50	

Prices Received for Beef Cattle and All Hogs by Month – United States: 2022 with Comparisons

[Price data source for livestock commodities is United States Department of Agriculture's Agricultural Marketing Service. Blank data cells indicate estimation period has not yet begun]

Month	Beef cattle ¹			All hogs ²		
	2020	2021	2022	2020	2021	2022
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
January	125.00	112.00	139.00	47.80	50.20	58.80
February	122.00	115.00	141.00	45.50	56.40	68.60
March	114.00	116.00	142.00	47.70	67.20	75.10
April	111.00	121.00	142.00	42.30	75.60	76.20
May	111.00	121.00	144.00	51.00	79.30	75.90
June	110.00	123.00	142.00	41.30	82.70	78.70
July	98.00	125.00	144.00	39.90	80.00	83.00
August	104.00	125.00	144.00	42.90	79.00	85.80
September	105.00	127.00	145.00	49.70	70.80	73.80
October	108.00	126.00	148.00	56.30	65.50	70.50
November	109.00	132.00	154.00	51.90	58.60	66.70
December	111.00	141.00		49.10	56.50	

¹ Cows and steers & heifers.

² Barrows & gilts and sows.

Prices Received for All Wheat – States and United States: November 2022 with Comparisons

State	November 2021	October 2022	November 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D)	(D)	(D)
Arkansas	(D)	(D)	(S)
California	(D)	(D)	(D)
Colorado	7.13	9.34	8.76
Idaho	7.54	8.33	8.49
Illinois	7.10	8.43	8.56
Indiana	7.45	8.84	7.60
Kansas	7.92	9.52	9.16
Michigan	6.83	8.54	8.73
Minnesota	8.45	9.00	9.52
Missouri	7.29	8.76	8.39
Montana	8.83	9.89	9.53
Nebraska	7.69	9.22	8.82
North Carolina	7.45	8.84	8.48
North Dakota	9.68	9.04	9.15
Ohio	7.32	8.32	7.63
Oklahoma	7.82	9.11	8.65
Oregon	(D)	9.28	(D)
South Dakota	8.67	8.91	9.39
Texas	6.59	7.90	9.24
Washington	8.68	8.45	8.42
United States	8.52	9.21	9.16

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

Prices Received for Winter Wheat – States and United States: November 2022 with Comparisons

State	November 2021	October 2022	November 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	(D)	(D)	(S)
California	(D)	(S)	(S)
Colorado	7.13	9.34	8.76
Idaho	7.58	8.25	8.49
Illinois	7.10	8.43	8.56
Indiana	7.45	8.84	7.60
Kansas	7.92	9.52	9.16
Michigan	6.83	8.54	8.73
Missouri	7.29	8.76	8.39
Montana	7.38	9.77	9.02
Nebraska	7.69	9.22	8.82
North Carolina	7.45	8.84	8.48
North Dakota	7.86	9.24	8.50
Ohio	7.32	8.32	7.63
Oklahoma	7.82	9.11	8.65
Oregon	(D)	9.29	(D)
South Dakota	8.04	8.87	9.36
Texas	6.59	7.90	9.24
Washington	8.61	8.44	8.39
United States	7.78	9.14	8.92

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

Prices Received for Durum Wheat – States and United States: November 2022 with Comparisons

State	November 2021	October 2022	November 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D)	(D)	(D)
California	(D)	(D)	(D)
Idaho	(D)	(S)	(S)
Montana	(D)	10.50	(D)
North Dakota	15.90	9.80	10.00
United States	14.00	10.20	10.40

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

Prices Received for Spring Wheat – States and United States: November 2022 with Comparisons

State	November 2021	October 2022	November 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Idaho	7.47	8.52	8.47
Minnesota	8.45	9.00	9.52
Montana	9.13	9.81	9.93
North Dakota	8.81	8.94	9.00
South Dakota	9.31	8.93	9.41
Washington	9.03	8.55	8.65
United States	8.84	9.15	9.24

Prices Received for Oats – States and United States: November 2022 with Comparisons

State	November 2021	October 2022	November 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Illinois	(S)	(S)	(D)
Iowa	4.22	(D)	(D)
Michigan	(D)	4.87	(D)
Minnesota	5.14	4.25	4.26
Montana	(D)	(S)	(S)
Nebraska	(D)	6.49	(D)
New York	(S)	(S)	(S)
North Dakota	4.68	3.86	3.87
Oregon	(S)	(D)	(S)
Pennsylvania	(D)	(D)	5.57
South Dakota	5.17	4.34	3.90
Texas	(S)	(S)	(D)
Wisconsin	4.25	4.47	4.61
United States	4.81	4.38	4.36

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

Prices Received for All Barley – States and United States: November 2022 with Comparisons

State	November 2021	October 2022	November 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(S)	(S)	(S)
Colorado	4.91	6.29	7.16
Idaho	5.38	7.72	7.26
Minnesota	(D)	(D)	(S)
Montana	5.09	7.28	7.09
North Dakota	5.26	7.58	7.37
Washington	5.54	6.70	7.03
Wyoming	4.88	(D)	(D)
United States	5.22	7.47	7.24

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

Prices Received for Feed Barley – States and United States: November 2022 with Comparisons

State	November 2021	October 2022	November 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(S)	(S)	(S)
Colorado	6.37	(D)	(D)
Idaho	5.72	(D)	6.21
Minnesota	(S)	(S)	(S)
Montana	(D)	(D)	6.81
North Dakota	5.27	5.72	6.14
Washington	4.87	5.65	5.73
Wyoming	(S)	(S)	(S)
United States	5.56	5.70	6.14

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

Prices Received for Malting Barley – States and United States: November 2022 with Comparisons

State	November 2021	October 2022	November 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(S)	(S)	(S)
Colorado	4.90	6.29	7.22
Idaho	5.37	7.79	7.31
Minnesota	(D)	(D)	(S)
Montana	4.83	7.38	7.10
North Dakota	5.25	(D)	7.79
Washington	(D)	(D)	(D)
Wyoming	4.88	(D)	(D)
United States	5.17	7.63	7.38

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

Prices Received for Corn – States and United States: November 2022 with Comparisons

State	November 2021	October 2022	November 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado	5.65	8.07	7.32
Illinois	5.27	6.41	6.29
Indiana	5.37	6.46	6.41
Iowa	5.23	6.53	6.50
Kansas	5.53	7.15	7.16
Kentucky	5.29	6.56	6.69
Michigan	5.12	6.36	6.07
Minnesota	5.18	6.20	6.28
Missouri	5.47	6.65	6.82
Nebraska	5.21	6.59	6.83
North Carolina	6.07	7.53	7.72
North Dakota	5.10	6.16	5.98
Ohio	5.25	6.39	6.31
Pennsylvania	5.83	7.00	7.10
South Dakota	5.34	6.40	6.45
Tennessee	5.65	6.52	6.04
Texas	5.69	7.71	7.59
Wisconsin	5.06	5.99	6.08
United States	5.26	6.50	6.49

Prices Received for Sorghum Grain – States and United States: November 2022 with Comparisons

State	November 2021	October 2022	November 2022
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas	10.20	12.70	12.70
Nebraska	10.30	11.70	11.80
Oklahoma	10.20	12.90	13.00
Texas	9.53	11.70	13.10
United States	10.10	12.50	12.70

Prices Received for Soybeans – States and United States: November 2022 with Comparisons

State	November 2021	October 2022	November 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	12.10	13.70	14.00
Illinois	12.10	13.50	13.80
Indiana	12.20	13.60	14.10
Iowa	12.20	13.40	14.20
Kansas	11.90	13.60	14.20
Kentucky	12.10	13.50	14.00
Louisiana	12.20	13.20	14.10
Michigan	12.80	13.90	14.30
Minnesota	12.10	13.30	13.80
Mississippi	11.90	(D)	(D)
Missouri	12.20	13.70	13.50
Nebraska	12.00	13.60	14.10
North Carolina	12.50	14.00	14.10
North Dakota	11.70	13.30	13.80
Ohio	12.30	13.50	14.10
South Dakota	12.10	13.60	14.20
Tennessee	12.00	13.10	13.70
Wisconsin	12.10	13.20	14.00
United States	12.10	13.50	14.00

(D) Withheld to avoid disclosing data for individual operations.

Prices Received for Dry Beans – States and United States: November 2022 with Comparisons

State	November 2021	October 2022	November 2022
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
California	(D)	(D)	(S)
Colorado	(D)	54.60	(D)
Idaho	31.80	(D)	44.10
Michigan	45.90	47.50	41.50
Minnesota	30.60	38.20	(S)
Nebraska	(D)	(D)	(D)
North Dakota	36.80	39.00	38.90
United States	36.80	41.80	39.90

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

Prices Received for Canola – States and United States: November 2022 with Comparisons

State	November 2021	October 2022	November 2022
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Minnesota	(D)	(D)	(S)
Montana	(D)	(D)	(D)
North Dakota	31.90	28.10	29.20
Oklahoma	(S)	(S)	(S)
United States	31.70	28.10	29.20

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

Prices Received for Flaxseed – States and United States: November 2022 with Comparisons

State	November 2021	October 2022	November 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
North Dakota	26.10	18.60	19.50
United States	26.10	18.60	19.50

Prices Received for Peanuts (in shell) – States and United States: November 2022 with Comparisons

State	November 2021	October 2022	November 2022
	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama	0.240	0.265	0.268
Arkansas	0.245	0.250	0.262
Florida	0.247	0.275	0.269
Georgia	0.234	0.253	0.262
Mississippi	0.225	0.280	0.297
New Mexico	0.492	0.334	0.540
North Carolina	0.265	0.266	0.279
Oklahoma	0.304	0.311	0.341
South Carolina	0.258	0.253	0.230
Texas	0.397	0.395	0.536
Virginia	0.271	0.278	0.300
United States	0.254	0.266	0.299

Prices Received for Sunflower – States and United States: November 2022 with Comparisons

State	November 2021	October 2022	November 2022
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas	26.60	27.00	26.50
Minnesota	27.00	(D)	(D)
North Dakota	30.00	30.80	28.60
South Dakota	30.80	26.50	28.20
United States	30.30	29.30	28.40

(D) Withheld to avoid disclosing data for individual operations.

Prices Received for Upland Cotton and Cottonseed – States and United States: November 2022 with Comparisons

[Cottonseed marketing year August - February]

State	Cotton, Upland			Cottonseed		
	November 2021	October 2022	November 2022	November 2021	October 2022	November 2022
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Alabama	0.861	0.903	(D)	182.00	202.00	206.00
Arizona	(D)	(D)	0.948	358.00	400.00	434.00
Arkansas	0.704	(D)	0.640	255.00	389.00	(S)
California	(D)	(S)	(S)	421.00	547.00	510.00
Georgia	0.883	1.070	0.995	194.00	286.00	263.00
Louisiana	0.839	0.823	0.970	255.00	384.00	(S)
Mississippi	(D)	0.863	(D)	253.00	337.00	349.00
North Carolina	(D)	(D)	0.957	225.00	303.00	275.00
Tennessee	0.713	(D)	(D)	245.00	320.00	356.00
Texas	0.907	0.778	0.767	252.00	389.00	388.00
United States	0.859	0.864	0.800	244.00	338.00	323.00

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

Prices Received and Marketings for Upland Cotton and Rice – United States: November 2022 with Comparisons

Item	November 2021	October 2022	November 2022
Cotton, Upland			
Average price dollars/pound	0.859	0.864	0.800
Marketings ¹ 1,000 bales	3,356	318	1,112
Rice, all			
Average price dollars/cwt	15.70	17.50	18.00
Marketings ² 1,000 cwt	13,934	10,496	9,465
Rice, long			
Average price dollars/cwt	13.10	16.20	16.50
Marketings ² 1,000 cwt	10,817	8,700	7,668
Rice, medium and short			
California			
Average price dollars/cwt	28.80	27.10	28.10
Other States ³			
Average price dollars/cwt	13.40	17.40	17.50
United States			
Average price dollars/cwt	24.60	23.50	24.60
Marketings ² 1,000 cwt	3,117	1,796	1,797

¹ Marketings based on a survey of cotton buyers in the major producing States - Alabama, Arizona, Arkansas, California, Georgia, Louisiana, Mississippi, North Carolina, Tennessee, and Texas.

² Purchases by private firms and rice (rough equivalent) shipped by cooperatives.

³ Other States include Arkansas, Louisiana, Mississippi, Missouri, and Texas.

Prices Received for Hay by Type – States and United States: November 2022 with Comparisons

State	All hay			Alfalfa hay			Other hay		
	November 2021	October 2022	November 2022	November 2021	October 2022	November 2022	November 2021	October 2022	November 2022
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Arizona	224.00	339.00	349.00	225.00	340.00	350.00	200.00	245.00	245.00
California	222.00	349.00	335.00	245.00	370.00	350.00	175.00	270.00	285.00
Colorado	224.00	250.00	259.00	220.00	250.00	260.00	235.00	250.00	250.00
Idaho	218.00	275.00	257.00	220.00	280.00	260.00	180.00	240.00	230.00
Illinois	169.00	162.00	170.00	175.00	185.00	190.00	145.00	120.00	120.00
Iowa	187.00	161.00	172.00	195.00	174.00	176.00	139.00	142.00	152.00
Kansas	155.00	208.00	220.00	174.00	248.00	260.00	97.00	140.00	147.00
Kentucky	157.00	177.00	178.00	220.00	224.00	222.00	150.00	165.00	167.00
Michigan	173.00	167.00	168.00	195.00	190.00	190.00	140.00	125.00	130.00
Minnesota	182.00	155.00	159.00	206.00	178.00	187.00	146.00	128.00	130.00
Missouri	122.00	142.00	146.00	160.00	170.00	170.00	105.00	135.00	140.00
Montana	230.00	233.00	233.00	235.00	235.00	235.00	215.00	220.00	220.00
Nebraska	144.00	180.00	185.00	160.00	208.00	208.00	100.00	120.00	130.00
Nevada	215.00	341.00	319.00	215.00	340.00	320.00	210.00	350.00	310.00
New Mexico	226.00	285.00	290.00	230.00	295.00	300.00	210.00	235.00	235.00
New York	158.00	184.00	197.00	214.00	242.00	242.00	137.00	167.00	183.00
North Dakota	158.00	112.00	120.00	169.00	128.00	123.00	102.00	81.00	85.00
Ohio	152.00	163.00	168.00	200.00	180.00	180.00	145.00	150.00	160.00
Oklahoma	102.00	118.00	142.00	175.00	241.00	261.00	90.00	100.00	118.00
Oregon	253.00	322.00	314.00	255.00	330.00	330.00	250.00	300.00	280.00
Pennsylvania	170.00	185.00	197.00	226.00	242.00	242.00	158.00	169.00	185.00
South Dakota	162.00	171.00	170.00	174.00	195.00	189.00	129.00	120.00	130.00
Texas	156.00	193.00	188.00	202.00	271.00	271.00	148.00	175.00	175.00
Utah	248.00	304.00	309.00	250.00	305.00	310.00	200.00	250.00	250.00
Washington	236.00	323.00	312.00	230.00	330.00	320.00	260.00	305.00	290.00
Wisconsin	171.00	149.00	169.00	181.00	169.00	183.00	119.00	105.00	116.00
Wyoming	216.00	232.00	232.00	220.00	235.00	235.00	200.00	225.00	220.00
United States	192.00	250.00	239.00	213.00	281.00	267.00	155.00	180.00	182.00

Prices Received for Premium and Supreme Alfalfa Hay – States and 5-State Total: November 2022

State	November 2021	October 2022	November 2022
	(dollars per ton)	(dollars per ton)	(dollars per ton)
California	270.00	410.00	400.00
Idaho	240.00	310.00	300.00
Michigan	215.00	215.00	215.00
Minnesota	258.00	225.00	211.00
New York	287.00	298.00	295.00
Pennsylvania	270.00	313.00	310.00
Texas	243.00	329.00	334.00
Wisconsin	260.00	211.00	208.00
5-State Total ^{1 2}	254.00	348.00	331.00

¹ 5-State total represents a weighted (hay purchases) average price for the five largest milk producing States (based on the pounds of milk produced during the previous month).

² For November 2021, includes California, Idaho, New York, Texas, and Wisconsin. For October 2022, includes California, Idaho, New York, Texas, and Wisconsin. For November 2022, includes California, Idaho, New York, Texas, and Wisconsin.

Prices Received for Citrus Fruits by Utilization – States and United States: November 2021

Commodity, State, and type	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
Grapefruit	47.30	23.87	35.50	(D)	21.03	33.00	(D)
Lemons	45.50	28.89	34.88	(D)	22.24	27.96	(D)
Oranges	36.60	21.24	25.84	4.91	18.21	22.84	1.79

(D) Withheld to avoid disclosing data for individual operations.

Prices Received for Citrus Fruits by Utilization – States and United States: October 2022

Commodity, State, and type	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
Grapefruit	(D)	28.47	(D)	(D)	25.60	(D)	(D)
Lemons	47.00	31.06	36.32	(D)	24.35	29.40	(D)
Oranges	44.40	29.06	37.72	5.28	27.23	35.89	3.44

(D) Withheld to avoid disclosing data for individual operations.

Prices Received for Citrus Fruits by Utilization – States and United States: November 2022

Commodity, State, and type	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
Grapefruit	46.40	30.07	35.50	7.19	27.48	33.05	3.96
Lemons	46.00	26.80	35.32	(D)	20.24	28.40	(D)
Oranges	36.50	20.68	25.73	(D)	17.71	22.81	(D)

(D) Withheld to avoid disclosing data for individual operations.

Prices Received for All Milk – States and United States: November 2022 with Comparisons

[Before deduction for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies]

State	November 2021		October 2022		November 2022	
	Price	Fat test	Price	Fat test	Price	Fat test
	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)
Arizona	19.80	3.91	25.40	3.86	25.40	3.98
California	20.40	4.08	26.60	4.07	26.40	4.23
Colorado	21.00	3.98	25.90	3.94	25.90	4.05
Florida	23.40	3.68	28.70	3.75	29.40	3.79
Georgia	22.30	3.68	28.70	3.93	29.20	3.96
Idaho	20.80	4.24	26.70	4.27	26.20	4.43
Illinois	20.70	4.18	26.10	4.12	25.70	4.25
Indiana	20.10	4.12	26.20	4.07	26.20	4.11
Iowa	20.70	4.31	24.50	4.25	24.30	4.33
Kansas	19.70	4.29	24.90	4.20	24.50	4.32
Michigan	19.70	4.04	24.20	4.04	23.40	4.06
Minnesota	20.70	4.36	25.90	4.47	25.20	4.44
New Mexico	19.00	3.98	23.80	3.96	23.60	4.10
New York	21.30	4.11	26.70	4.08	26.00	4.11
Ohio	21.10	4.09	26.20	4.08	26.00	4.08
Oregon	22.90	4.27	28.00	4.36	28.70	4.59
Pennsylvania	21.50	4.11	26.90	4.09	26.60	4.12
South Dakota	22.10	4.65	26.40	4.59	26.10	4.66
Texas	20.80	4.39	25.90	4.31	25.80	4.42
Utah	20.50	4.10	25.90	4.05	25.90	4.19
Vermont	21.70	4.14	27.00	4.10	26.30	4.11
Virginia	22.40	4.03	28.50	4.06	29.00	4.09
Washington	21.50	4.29	27.40	4.25	27.20	4.47
Wisconsin	20.60	4.16	24.40	4.13	23.60	4.18
United States	20.70	4.15	25.90	4.14	25.60	4.23

Prices Received for Milk Cows – States and United States: October 2022 with Comparisons

[Animals sold for dairy herd replacement only. Quarterly United States milk cow prices are based on revised milk cow inventory]

State	October 2021	July 2022	October 2022
	(dollars per head)	(dollars per head)	(dollars per head)
Arizona	1,500	1,900	1,700
California	1,300	1,750	1,850
Colorado	1,400	1,700	1,700
Florida	1,430	1,690	1,600
Georgia	1,290	1,500	1,700
Idaho	1,300	1,550	1,600
Illinois	1,320	1,680	1,650
Indiana	1,320	1,800	1,790
Iowa	1,310	1,750	1,750
Kansas	1,380	1,700	1,600
Michigan	1,360	1,750	1,760
Minnesota	1,260	1,650	1,630
New Mexico	1,450	1,450	1,600
New York	1,270	1,700	1,670
Ohio	1,300	1,680	1,620
Oregon	1,250	1,550	1,550
Pennsylvania	1,310	1,750	1,740
South Dakota	1,330	1,750	1,650
Texas	1,350	1,650	1,700
Utah	1,250	1,450	1,450
Vermont	1,400	1,800	1,800
Virginia	1,260	1,610	1,620
Washington	1,350	1,550	1,550
Wisconsin	1,450	1,870	1,840
United States	1,340	1,710	1,730

Parity Price Overview

Parity prices, based on data from January 2022, and adjusted base price data from which parity prices are computed are presented in the tables on the following pages. 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, 1954, and 1956.

The parity prices shown in this report are based on the provisions of the amended Act. Briefly, the actual method of computation is as follows:

- a. The average of prices received by farmers for individual commodities for the 10 preceding years is calculated (for 2022, the 10-average includes the years 2012-2021). An allowance for unredeemed loans and other supplemental payments resulting from price support programs, such as the deficiency payments for grains and cotton, is included for those commodities for which applicable.
- b. This 10-year average is divided by the average of the Index of Prices Received by Farmers for the same 10 preceding calendar years, adjusted to include an allowance for unredeemed loans and other supplemental price support operations, to give an "adjusted base price".
- c. Parity prices are computed by multiplying the "adjusted base prices" by the current Parity Index (the Index of Prices Paid by Farmers, including Interest, Taxes, and Wage Rates, 1910-1914=100).

Parity prices are calculated in terms of prices received by farmers in the local markets in which they ordinarily sell. This means that the parity prices apply to the average of all classes and grades of the commodity as sold by all farmers in the United States, except as otherwise specified. Fruits and vegetables for fresh use and for processing are usually considered separate commodities and separate parity prices are calculated. The Agricultural Marketing Agreement Act of 1937 provided for parity prices for certain commodities covered by a marketing agreement or order program. Under present legislation, United States parity prices, with appropriate adjustments where needed, may be used for the purpose of this Act.

Commodity Parity Prices and Price as Percent of Parity Price – United States: November 2022 with Comparisons

[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 February *Agricultural Prices* for details on adjusted base price and parity price computations. Parity data not available for blank cells. Primary source of data for livestock and milk prices is United States Department of Agriculture's Agricultural Marketing Service]

Commodity and unit	Adjusted base price	Parity price			Price as percent of parity		
		November 2021	October 2022	November 2022	November 2021	October 2022	November 2022
	(dollars)	(dollars)	(dollars)	(dollars)	(percent)	(percent)	(percent)
Basic commodities							
All wheat bushel	0.530	17.60	19.70	19.70	48	47	46
Rice cwt	1.27	41.40	47.10	47.10	38	37	38
Corn bushel	0.408	13.60	15.10	15.10	39	43	43
Cotton							
Upland pound	0.065	2.18	2.41	2.41	39	36	33
American Pima pound	0.133	4.04	4.93	4.93	29	50	50
Peanuts pound	0.022	0.706	0.816	0.816	36	33	37
Small chickpeas ¹ cwt	2.23	73.80	82.70	82.70	27	37	36
Large chickpeas ¹ cwt	2.82	95.30	105.00	105.00	41	32	33
Lentils ¹ cwt	2.20	72.80	81.60	81.60	45	43	40
Designated non-basic							
All milk, to plants ² cwt	1.73	57.40	64.10	64.20	34	39	38
Honey, extracted ³ pound	0.201	6.35	7.45	7.46	33	34	34
Wool and mohair							
Wool pound	0.148	4.84	5.49	5.49	34	31	31
Mohair pound	0.464	14.80	17.20	17.20	35	32	32
Other non-basic							
Apples, fresh ⁴ pound	0.041	1.220	1.520	1.520	59	53	55
Barley bushel	0.485	15.80	18.00	18.00	33	42	40
Canola cwt	1.82	57.40	67.50	67.50	55	42	43
Cottonseed ton	18.80	619.00	697.00	697.00	39	48	46
Dry edible beans cwt	3.07	100.00	114.00	114.00	37	37	35
Flaxseed bushel	1.10	34.30	40.80	40.80	76	46	48
Oats bushel	0.287	9.30	10.60	10.60	52	41	41
Potatoes, fresh cwt	1.07	35.00	39.70	39.70	39	47	51
Sorghum grain cwt	0.712	23.40	26.40	26.40	43	47	48
Soybeans bushel	1.02	33.00	37.80	37.80	37	36	37
Sunflower, all cwt	2.01	66.40	74.50	74.60	46	39	38
Citrus (equivalent on-tree)							
Grapefruit box	1.02	30.00	37.80	37.80	70	68	73
Lemons box	2.09	65.10	77.50	77.50	34	31	26
Oranges box	1.080	34.30	40.00	40.10	53	68	44
Livestock and poultry							
Beef cattle cwt	11.70	382.00	434.00	434.00	34	33	35
Broilers pound	0.049	1.60	1.82	1.82	37	38	39
Calves cwt	17.20	558.00	638.00	638.00	31	31	32
Eggs ² dozen	0.098	3.18	3.63	3.64	31	87	84
Hogs cwt	5.45	178.00	202.00	202.00	33	35	33
Turkeys, live pound	0.066	2.120	2.450	2.450	40	51	51

¹ Parity prices began January 2015.

² Seasonally adjusted price as percentage of parity price.

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

⁴ Equivalent packinghouse-door returns for California, New York, Oregon, and Washington. Price at point of first sale for other states.

Commodity Parity Prices – United States: November 2022 with Comparisons

[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 February *Agricultural Prices* for details on adjusted base price and parity price computations]

Commodity and unit	Adjusted base price	Parity price		
		November 2021	October 2022	November 2022
	(dollars)	(dollars)	(dollars)	(dollars)
Field crops and miscellaneous				
Hops pound	0.455	14.10	16.90	16.90
Mustard seed cwt	2.94	97.50	109.00	109.00
Rapeseed cwt	2.37	80.20	87.90	87.90
Rye bushel	0.598	19.90	22.20	22.20
Safflower cwt	2.17	70.60	80.50	80.50
Spearmint oil pound	1.65	54.90	61.20	61.20
Sweet potatoes cwt	2.05	65.80	76.00	76.10
Tobacco				
Flue-cured, 11-14 pound	0.185	5.97	6.86	6.86
Fire-cured, 21-23 pound	0.251	8.18	9.31	9.31
Burley, 31 pound	0.184	5.97	6.82	6.83
Maryland, 32 pound	0.177	5.61	6.56	6.57
Dark air-cured, 35-37 pound	0.224	7.28	8.31	8.31
Pennsylvania seedleaf, 41 pound	0.235	7.19	8.71	8.72
Non-citrus fruit				
Apples, processing ^{1 2} ton	20.70	661.00	768.00	768.00
Apricots, fresh ³ ton	124.00	4,010.00	4,600.00	4,600.00
Avocados ^{2 3} ton	188.00	5,930.00	6,970.00	6,970.00
Cherries				
Sweet ton	207.00	6,870.00	7,680.00	7,680.00
Tart ² pound	0.032	0.962	1.190	1.190
Cranberry ^{2 4} barrel	3.20	107.00	119.00	119.00
Dates (California) ³ ton	238.00	7,060.00	8,830.00	8,830.00
Grapes (California)				
Wine, processing ton	81.00	2,550.00	3,000.00	3,010.00
Kiwifruit ² ton	141.00	4,110.00	5,230.00	5,230.00
Nectarines, fresh (California) ³ ton	87.90	2,700.00	3,260.00	3,260.00
Olives, canning (California) ⁴ ton	109.00	3,590.00	4,040.00	4,040.00

See footnote(s) at end of table.

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Commodity Parity Prices – United States: November 2022 with Comparisons (continued)

[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 February *Agricultural Prices* for details on adjusted base price and parity price computations]

Commodity and unit	Adjusted base price	Parity price		
		November 2021	October 2022	November 2022
	(dollars)	(dollars)	(dollars)	(dollars)
Non-citrus fruit - continued				
Papayas (Hawaii) pound	0.045	1.35	1.67	1.67
Peaches, fresh ^{4 5} ton	113.00	3,560.00	4,190.00	4,190.00
Pears, fresh ⁵ ton	61.50	1,980.00	2,280.00	2,280.00
Plums (California) equivalent on-tree				
Fresh ⁶ ton	90.80	2,740.00	3,370.00	3,370.00
Strawberries				
Fresh ⁷ pound	10.40	327.00	386.00	386.00
Processing pound	4.12	126.00	153.00	153.00
Sugar crops				
Sugar beets ^{2 8} ton	4.30	146.00	159.00	160.00
Sugarcane ^{2 8} ton	3.39	111.00	126.00	126.00
Tree nuts ⁹				
Almonds pound	0.247	8.15	9.16	9.16
Hazelnuts ton	223.00	7,380.00	8,270.00	8,270.00
Pistachios pound	0.253	8.12	9.38	9.39
Walnuts ton	206.00	7,220.00	7,640.00	7,640.00
Vegetables, fresh ⁷				
Carrots ¹⁰ cwt	2.64	86.90	97.90	97.90
Cauliflower ¹⁰ cwt	4.21	140.00	156.00	156.00
Celery ¹⁰ cwt	2.13	68.30	79.00	79.00
Honeydew melons cwt	2.10	67.00	77.90	77.90
Lettuce cwt	2.64	85.30	97.90	97.90
Onions ¹⁰ cwt	1.45	45.20	53.80	53.80
Tomatoes cwt	4.07	131.00	151.00	151.00

¹ Equivalent returns at processing plant door.

² Adjusted base price is carried forward from the previous year since current marketing year average price is not yet available.

³ Equivalent returns at packinghouse door.

⁴ Equivalent returns for bulk fruit at first delivery point.

⁵ Equivalent packinghouse-door returns for California, New York (apples only), Oregon (except Peaches), and Washington. Price at point of first sale for other states.

⁶ Based on "as sold" prices for fresh fruit in all states.

⁷ FOB shipping point price.

⁸ Relates to prices including average conditional payments per ton made under the sugar acts of 1937 and 1948. Crop deficiency and abandonment payments not included.

⁹ Prices In-Shell basis except almonds which are shelled basis.

¹⁰ Includes some processing.

Marketing Year for Specified Commodities

Hops: September 1 to August 31 for all States.

Prices Received for Hops – States and United States: 2021-2022

State	2021	2022
Idaho	5.70	6.10
Oregon	5.90	6.35
Washington	5.70	6.05
United States	5.72	6.10

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 about 1,900 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 United States 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 sales. 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 United States price based on expanded sales. Recommendations are prepared by the Regional Field 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: In general, revisions are made during annual commodity market year estimation time, following five-year Census revisions, or when later information is received. Revisions are published in monthly issues of *Agricultural Prices*.

Reliability: United States 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 United States relative sampling errors at around five percent. Any non-sampling 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 non-sampling errors.

Program Changes: See Price Program Links at the end of this report for details on program changes to the Prices Program methodology.

November Prices Paid by Farmers

The November Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 137.1, is unchanged from October 2022 but up 11 percent from November 2021.

Production: The November index, at 136.6, is up 0.1 percent from October and 13 percent from last year. Higher prices for feeder cattle, feeder pigs, concentrates, and nitrogen slightly offset lower prices for other services, hay & forages, complete feeds, and other machinery.

Feed: At 144.5, the November index is down 0.3 percent from October but up 17 percent from last November. Since October, lower prices for hay & forages, complete feeds, supplements, and feed grains more than offset higher prices for concentrates.

Livestock and poultry: The November index, at 126.2, increased 2.3 percent from October and 12 percent from a year ago. Since October, prices are higher for feeder cattle and feeder pigs. The November feeder cattle price, at \$178.00 per cwt, is up \$3.00 per cwt from the October price. The November feeder pigs price, at \$146.00 per cwt, up \$20.00 per cwt from October.

Fertilizer: The index for November, at 131.7, increased 0.5 percent from October and 20 percent from November a year ago. Since October, higher prices for nitrogen more than offset lower prices for mixed fertilizer and potash & phosphate.

Chemicals: The November index, at 155.6, is down 0.3 percent from October but up 41 percent from last November.

Fuels: At 107.4, the November index is down 0.3 percent from October but up 22 percent from November 2021. Compared with October, prices are higher for diesel but lower for gasoline and LP gas.

Machinery: The index for November, at 178.8, is down 0.4 percent from October but up 13 percent from last year. Compared with last month, prices are lower for other machinery and tractors but unchanged for self-propelled machinery.

Consumer Price Index: The November 2022 Consumer Price Index for All Urban Consumers (CPI-U), as issued by the Bureau of Labor Statistics, increased 7.1 percent over the last 12 months to an index level of 297.711 (1982-1984=100). For the month, the index decreased 0.1 percent prior to seasonal adjustment.

Prices Paid Indexes and Related Parity Ratios – United States: November 2022 with Comparisons

[Revised historical price indexes for months not shown are available at www.nass.usda.gov]

Index Group and Ratios	1910-1914 Base			2011 Base		
	November 2021	October 2022	November 2022	November 2021	October 2022	November 2022
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Prices paid by farmers for commodities, services, interest, taxes, and wage rates (PPITW)	3347	3710	3710	123.7	137.1	137.1
Production	2527	2842	2843	121.4	136.5	136.6
Feed	1362	1597	1592	123.6	145.0	144.5
Livestock and poultry	2219	2436	2492	112.4	123.4	126.2
Seeds	3855	3855	3855	117.3	117.3	117.3
Fertilizer	1322	1579	1586	109.8	131.1	131.7
Chemicals	991	1402	1398	110.3	156.1	155.6
Fuels	2470	3012	3006	88.3	107.7	107.4
Supplies and repairs	1554	1667	1667	131.8	141.3	141.3
Autos and trucks	3654	3910	3915	118.9	127.2	127.4
Machinery	9649	10974	10927	157.9	179.6	178.8
Building materials	3464	3824	3812	148.9	164.4	163.8
Services and rent	2802	2990	2974	(NA)	(NA)	(NA)
Services	(NA)	(NA)	(NA)	123.0	135.4	134.3
Rent	(NA)	(NA)	(NA)	116.1	117.0	126.1
Interest ¹	3992	4118	4118	109.5	112.9	112.9
Taxes ²	7719	8006	8006	130.0	134.9	134.9
Wage rates	10617	11340	11340	148.3	158.4	158.4
Family living-CPI ³	2640	2831	2828	123.6	132.5	132.4
Production, interest, taxes, and wage rates (PITW)	3488	3887	3888	123.7	137.9	137.9
Ratio (received/paid)	(NA)	(NA)	(NA)	88	93	97
Parity ratio ⁴	33	36	37	(NA)	(NA)	(NA)
Parity ratio adjusted ⁵	35	37	38	(NA)	(NA)	(NA)
PPITW adjusted for productivity ⁶	1869	2038	2038	(NA)	(NA)	(NA)
Crop sector (PPITW)	(NA)	(NA)	(NA)	124.0	136.8	136.6
Livestock sector (PPITW)	(NA)	(NA)	(NA)	123.4	137.4	126.2
Farm sector (production)	(NA)	(NA)	(NA)	118.7	132.7	133.4
Non-farm sector (production)	(NA)	(NA)	(NA)	123.1	139.0	138.6

(NA) Not available.

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), converted by the USDA.

⁴ Ratio of index of prices received to PPITW (1910-1914=100).

⁵ Based on estimated cash receipts, from marketings and government payments, the preliminary adjustment factor is updated annually.

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: November 2022 with Comparisons

[Revised historical price indexes for months not shown are available at www.nass.usda.gov. Relative weights are a five year moving average]

Index Group	Relative weights		Indexes (2011=100)		
	2021	2022	November 2021	October 2022	November 2022
	(percent)	(percent)	(percent)	(percent)	(percent)
Production items	72.8	72.5	121.4	136.5	136.6
Feed	13.8	13.6	123.6	145.0	144.5
Feed grains	2.0	1.9	90.0	111.0	110.9
Complete feeds	6.7	6.7	131.4	152.2	151.7
Hay and forages	1.7	1.7	124.6	156.6	152.3
Concentrates	2.2	2.2	122.4	134.3	136.5
Supplements	1.2	1.1	135.8	163.7	163.1
Livestock and poultry	9.5	9.6	112.4	123.4	126.2
Feeder cattle	7.4	7.5	113.3	127.7	129.9
Feeder pigs	0.8	0.8	121.4	90.0	104.3
Milk cow replacements	0.8	0.8	94.4	121.8	121.8
Poultry	0.6	0.6	113.1	113.1	113.1
Seeds	5.0	5.1	117.3	117.3	117.3
Field crops	4.6	4.6	115.8	115.8	115.8
Grasses and legumes	0.5	0.5	132.0	132.0	132.0
Fertilizer	5.4	5.5	109.8	131.1	131.7
Mixed fertilizer	2.4	2.4	103.6	125.1	125.0
Nitrogen	2.3	2.3	118.6	145.9	147.4
Potash and phosphate	0.8	0.8	103.3	105.8	105.7
Chemicals	3.6	3.6	110.3	156.1	155.6
Herbicides	2.2	2.3	113.0	160.0	159.5
Insecticides	0.8	0.8	105.9	150.0	149.5
Fungicides and other	0.5	0.5	105.1	148.7	148.3
Fuels	3.3	2.7	88.3	107.7	107.4
Diesel	2.0	1.7	83.3	117.7	118.7
Gasoline	0.7	0.6	88.5	101.1	97.6
LP gas	0.5	0.5	106.4	78.6	77.9
Supplies and repairs	4.5	4.5	131.8	141.3	141.3
Supplies	1.5	1.5	132.2	144.4	144.0
Repairs	3.0	3.0	131.5	139.7	139.9
Autos and trucks	1.1	1.2	118.9	127.2	127.4
Autos	0.1	0.2	112.5	121.4	121.3
Trucks	1.0	1.0	119.8	128.1	128.3
Machinery	4.3	4.3	157.9	179.6	178.8
Tractors	0.9	0.9	132.5	149.9	149.2
Self-propelled	1.7	1.7	155.0	184.4	184.4
Other machinery	1.6	1.6	175.6	191.7	190.1
Building materials	3.7	3.6	148.9	164.4	163.8
Services	11.8	11.7	123.0	135.4	134.3
Custom rates	1.2	1.2	114.7	126.0	126.0
Other services	10.6	10.5	123.9	136.5	135.2
Rent	6.8	7.0	116.1	117.0	117.0
Cash	3.6	3.8	124.5	126.1	126.1
Share	3.1	3.2	106.5	106.5	106.5
Interest	2.5	2.2	109.5	112.9	112.9
Taxes	3.1	3.2	130.0	134.9	134.9
Wage rates	7.5	7.8	148.3	158.4	158.4
Family living-CPI	14.1	14.3	123.6	132.5	132.4

Feed Price Ratios – United States: November 2022 with Comparisons

Feed price ratio ¹	November 2021	October 2022	November 2022
Broiler-feed: pounds of broiler grower feed equal in value to 1 pound of broiler, live weight ²	4.3	4.3	4.3
Market egg feed: pounds of laying feed equal in value to 1 dozen eggs ³	7.0	19.7	23.6
Hog-corn: bushels of corn equal in value to 100 pounds of hog, live weight	11.1	10.8	10.3
Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk ⁴	1.92	1.92	1.93
Steer & heifer-corn: bushels of corn equal in value to 100 pounds of steer & heifers, live weight	25.1	22.8	23.7
Turkey-feed: pounds of turkey grower equal in value to 1 pound of turkey, live weight ⁵	6.3	8.1	8.0

¹ Effective January 1995, prices of commercial prepared feeds are based on current United States prices received for corn, soybeans, alfalfa hay, and all wheat.

² The price of commercial prepared broiler feed is based on current United States prices received for corn and soybeans. The modeled feed uses 58 percent corn and 42 percent soybeans.

³ The price of commercial prepared layer feed is based on current United States prices received for corn and soybeans. The modeled feed uses 75 percent corn and 25 percent soybeans.

⁴ The price of commercial prepared dairy feed is based on current United States prices received for corn, soybeans, and alfalfa. The modeled feed uses 51 percent corn, 8 percent soybeans, and 41 percent alfalfa.

⁵ The price of commercial prepared turkey feed is based on current United States prices received for corn, soybeans, and wheat. The modeled feed uses 51 percent corn, 28 percent soybeans, and 21 percent wheat.

Prices Received Used to Calculate Feed Price Ratios – United States: November 2022 with Comparisons

[Price data source for livestock and poultry commodities is United States Department of Agriculture's Agriculture Marketing Service]

Item	November 2021	October 2022	November 2022
	(dollars)	(dollars)	(dollars)
Broilers, live pound	0.592	0.695	0.714
Eggs, market dozen	0.846	2.82	3.43
Hogs, all cwt	58.60	70.50	66.70
Milk, all cwt	20.70	25.90	25.60
Steers and heifers cwt	132.00	148.00	154.00
Turkeys, live pound	0.839	1.250	1.255
Corn bushel	5.26	6.50	6.49
Hay, alfalfa ton	213.00	281.00	267.00
Soybeans bushel	12.10	13.50	14.00
Wheat, all bushel	8.52	9.21	9.16

Prices Paid for Feeder Livestock – United States: November 2022 with Comparisons

[Price data source is United States Department of Agriculture's Agriculture Marketing Service]

Item	November 2021	October 2022	November 2022
	(dollars)	(dollars)	(dollars)
Feeder cattle & calves cwt	155.00	175.00	178.00
Feeder pigs cwt	170.00	126.00	146.00

Prices Paid by Farmers and Ranchers for Beef Cattle Production

The 2022 Prices Paid Index for Beef Cattle Production is 1,347 percent of its 1964-1968 base, up 28.5 percent from the previous year and 29.6 percent from two years ago.

The data presented in the following tables are calculated and published for use by the United States Forest Service, United States Department of Agriculture and the Bureau of Land Management, United States Department of the Interior in computing Public Land Grazing Fees.

The Index of Prices Paid by Farmers and Ranchers for Beef Cattle Production input items is for the period of November through October. The components of this index include the production indexes of Fuels, Supplies & Repairs, Autos & Trucks, Tractors & Self Propelled Machinery, Other Machinery, Building Materials, Interest, Wage Rates, and Farm Services & Rent. These components are weighted to the overall index value by their importance in the cost of producing beef cattle. The weights are prescribed by Federal Regulation Title 43, Subpart 4100 and Executive Order 12548.

Prices Paid Index for Beef Cattle Production, 1964-1968 Base – United States: 2020-2022

[Average for November through October grazing season]

Index	2020 ¹	2021 ²	2022 ³
	(percent)	(percent)	(percent)
Beef Cattle Production	1,039	1,048	1,347

¹ November 2019 through October 2020

² November 2020 through October 2021

³ November 2021 through October 2022

Prices Received for Beef Cattle – Selected Regions: 2020-2022

[Average for November through October grazing season]

State	2020 ¹	2021 ²	2022 ³
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
17 Western States ⁴	107.63	113.47	134.27
16 Western States ⁵	106.96	111.93	132.84
11 Western States ⁶	101.47	106.08	125.94
9 Great Plains States ⁷	109.86	116.06	137.70

¹ November 2019 through October 2020

² November 2020 through October 2021

³ November 2021 through October 2022

⁴ 17 Western States: Arizona, California, Colorado, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, and Wyoming.

⁵ 16 Western States: Arizona, California, Colorado, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Utah, Washington, and Wyoming.

⁶ 11 Western States: Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

⁷ 9 Great Plain States: Colorado, Kansas, Nebraska, New Mexico, North Dakota, Oklahoma, South Dakota, Texas, and Wyoming.

Reliability of Prices Paid Estimates

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 March to represent all production input items purchased. The survey reference period for all items is the full preceding calendar year. Separate prices paid surveys are conducted for agricultural chemicals, fuels, feed, fertilizer, machinery, and seed.

Summary and estimation procedures: The annual March Prices Paid Survey is summarized as a non-probability survey. Average prices reported are aggregated to the region and United States level using weights available from expenditure data and other administrative sources. Price recommendations are prepared by the Regional Field 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 United States 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 for March when separate prices paid surveys are conducted, in lieu of BLS indexes, by the USDA to measure price change.

Reliability: Current methods of summarization for the March data are not designed directly to calculate sampling errors. However, analytical measures approximate the United States relative sampling errors for major items around 10 percent. Any non-sampling 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 non-sampling errors.

Program Changes: See Price Program Links at the end of this report for details on program changes to the Prices Program methodology.

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Papayas, Peaches, Sweet Cherries, Tart Cherries, Walnuts, Watermelons (202) 720-2157

Chris Wallace – Avocados, Bell Peppers, Broccoli, Cabbage, Chickpeas,
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For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@usda.gov.

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Price Program Links

Economics and Prices

http://www.nass.usda.gov/Statistics_by_Subject/Economics_and_Prices/index.php

Agricultural Prices Program and Survey

https://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Prices/



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