

FAPRI-MU's Preliminary Baseline
November 2023

U.S. Specialty Crops

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U.S. Potato Supply and Utilization

August-July year	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23
Area	(Thousand acres)										
Planted area	1,155	1,074	1,076	1,083	1,057	1,053	1,027	963	919	933	916
Harvested area	1,139	1,061	1,065	1,071	1,038	1,045	1,015	937	912	924	911
Yield	(Hundredweight per harvested acre)										
Yield	408	413	421	419	434	432	443	453	461	444	438
Supply and use	(Million hundredweight)										
Production	465	439	449	449	450	451	450	424	420	410	399
Imports	51	51	52	52	56	62	65	63	71	79	88
Domestic disappearance	447	420	430	428	433	437	443	409	423	412	413
Exports	69	69	71	73	74	76	72	79	69	76	74
Prices	(Dollars per hundredweight)										
Farm price	8.63	9.88	8.97	8.79	9.08	9.17	8.90	9.94	9.30	10.20	12.90
Crop insurance participation	(Percent of acres)										
Crop insurance participation	79%	80%	80%	78%	72%	69%	72%	78%	79%	82%	85%
Cash receipts	(Million dollars)										
Cash receipts	3783	3887	3885	3708	3737	3875	3736	3674	3720	3676	4261
Returns and payments	(Dollars)										
Gross market revenue/a.	3,525	4,085	3,780	3,682	3,940	3,959	3,947	4,501	4,285	4,526	5,644
Variable expenses/a.	2,225	2,185	2,142	2,244	2,016	2,081	2,107	2,144	2,053	2,423	3,645
Market net return/a.	1,300	1,901	1,639	1,438	1,924	1,878	1,840	2,357	2,232	2,103	1,998
Premium subsidy/a.	56	60	63	50	48	50	54	56	57	58	64

U.S. Vegetable and Melon Supply and Utilization

	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23
Harvested area	(Million acres)										
Vegetable area	3.97	3.96	3.99	4.37	5.17	5.23	4.82	4.07	3.87	3.87	3.81
Melon area	0.19	0.20	0.18	0.18	0.18	0.18	0.19	0.16	0.14	0.14	0.14
Yield	(Tons per harvested acre)										
Vegetable yield	9.9	9.5	10.0	9.1	8.0	7.3	8.0	8.6	9.1	8.3	8.4
Melon yield	14.6	14.7	13.8	14.4	16.1	16.2	15.6	15.8	17.2	15.9	16.4
Vegetable supply and use	(Million tons)										
Production	39.3	37.6	39.9	39.8	41.3	38.4	38.5	35.2	35.3	32.1	31.9
Imports	7.0	7.4	7.9	8.0	8.8	9.1	9.7	9.9	10.0	10.9	11.2
Domestic use	43.3	42.0	44.5	44.8	46.6	44.2	45.3	42.0	41.9	39.9	40.4
Exports	3.0	3.0	3.2	3.1	3.5	3.3	2.9	3.1	3.4	3.1	2.7
Melon supply and use	(Million tons)										
Production	2.8	2.9	2.5	2.6	3.0	3.0	2.9	2.5	2.4	2.3	2.3
Imports	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1
Domestic use	2.9	3.0	2.6	2.8	3.1	3.1	3.0	2.6	2.5	2.4	2.4
Exports	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02
Prices	(Cents per pound)										
Vegetable price	16.3	15.0	18.2	16.7	18.8	17.2	19.4	16.9	18.7	17.9	19.4
Dry bean price	38.0	39.1	32.3	27.3	29.2	26.7	25.4	31.8	30.9	40.5	40.6
Melon price	15.4	15.7	16.6	15.9	15.0	16.6	18.6	16.8	19.1	20.3	25.3
Cash receipts	(Million dollars)										
Vegetable	11,698	13,609	13,237	14,897	14,050	14,669	12,735	12,988	13,552	12,308	15,770
Dry bean	1,068	1,085	991	915	873	966	959	795	1,140	1,164	1,115
Melon	864	909	840	838	882	984	1,069	838	915	917	1,145
Total receipts	13,630	15,603	15,067	16,651	15,806	16,619	14,763	14,621	15,606	14,390	18,031

Note: Vegetable category excludes dry beans, melons and potatoes.

U.S. Potato Supply and Utilization

August-July year	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34
Area	(Thousand acres)										
Planted area	964	986	982	961	948	944	942	939	935	931	926
Harvested area	960	973	970	950	938	934	932	929	925	921	916
Yield	(Hundredweight per harvested acre)										
	452	458	461	464	467	470	473	476	479	482	485
Supply and use	(Million hundredweight)										
Production	434	446	448	441	438	439	441	443	444	444	445
Imports	81	77	76	78	80	81	82	83	84	85	86
Domestic disappearance	439	441	439	436	435	437	439	442	444	446	447
Exports	76	82	85	84	83	83	83	83	84	84	83
Prices	(Dollars per hundredweight)										
Farm price	12.45	10.53	9.61	10.17	10.40	10.31	10.17	10.05	9.95	9.88	9.82
Crop insurance participation	(Percent of acres)										
	69%	77%	73%	75%	74%	74%	74%	74%	74%	74%	74%
Cash receipts	(Million dollars)										
	4842	4490	4029	4017	4118	4124	4090	4052	4020	3997	3975
Returns and payments	(Dollars)										
Gross market revenue/a.	5,634	4,827	4,436	4,721	4,861	4,850	4,817	4,786	4,771	4,769	4,768
Variable expenses/a.	3,199	2,994	2,857	2,936	3,037	3,117	3,145	3,167	3,217	3,292	3,379
Market net return/a.	2,435	1,832	1,579	1,786	1,823	1,733	1,672	1,620	1,554	1,477	1,390
Premium subsidy/a.	63	75	58	54	58	61	61	60	60	59	59

U.S. Vegetable and Melon Supply and Utilization

	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34
Harvested area	(Million acres)										
Vegetable area	3.86	3.85	3.84	3.84	3.83	3.83	3.82	3.82	3.82	3.81	3.81
Melon area	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.13
Yield	(Tons per harvested acre)										
Vegetable yield	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.5	8.5
Melon yield	16.5	16.7	16.8	17.0	17.2	17.3	17.5	17.6	17.8	18.0	18.1
Vegetable supply and use	(Million tons)										
Production	32.4	32.5	32.4	32.4	32.3	32.3	32.3	32.3	32.2	32.2	32.2
Imports	11.2	11.4	11.6	11.9	12.1	12.3	12.6	12.8	13.1	13.3	13.6
Domestic use	40.7	40.9	41.1	41.3	41.4	41.6	41.8	42.0	42.2	42.4	42.7
Exports	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.1
Melon supply and use	(Million tons)										
Production	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Imports	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Domestic use	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6
Exports	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Prices	(Cents per pound)										
Vegetable price	25.0	22.4	22.3	22.6	22.3	22.3	22.2	22.1	22.1	22.0	21.9
Dry bean price	40.2	37.2	35.0	35.1	35.2	35.2	35.1	35.0	34.9	34.9	34.9
Melon price	25.2	22.8	23.7	22.8	22.9	22.4	22.3	22.0	21.9	21.6	21.5
Cash receipts	(Million dollars)										
Vegetable	14,564	14,565	14,691	14,512	14,505	14,420	14,354	14,291	14,233	14,186	14,163
Dry bean	1,148	1,141	1,117	1,113	1,121	1,128	1,133	1,136	1,139	1,142	1,146
Melon	1,164	1,073	1,114	1,077	1,087	1,071	1,071	1,061	1,058	1,053	1,050
Total receipts	16,877	16,778	16,922	16,702	16,713	16,619	16,558	16,488	16,430	16,381	16,359

Note: Vegetable category excludes dry beans, melons and potatoes.

U.S. Fruit and Tree Nut Supply and Utilization

	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23
Bearing area	(Million acres)										
Non-citrus fruit	2.00	2.11	2.11	2.10	2.06	2.03	1.88	1.88	1.87	1.83	1.82
Citrus fruit	0.80	0.79	0.78	0.76	0.74	0.71	0.70	0.69	0.68	0.67	0.63
Tree nut	1.32	1.41	1.49	1.53	1.97	2.08	2.17	2.35	2.49	2.61	2.67
Yield	(Tons per bearing acre)										
Non-citrus fruit	8.84	9.23	9.07	8.73	9.02	9.01	9.29	9.03	8.50	8.64	8.50
Citrus fruit	14.57	14.04	12.10	11.84	11.86	10.84	8.71	11.83	11.53	10.37	8.87
Tree nut	1.06	1.02	0.94	0.88	0.86	0.78	0.81	0.78	0.92	0.84	0.73
Non-citrus fruit supply and use	(Million tons)										
Production	17.6	19.4	19.2	18.3	18.6	18.3	17.5	17.0	15.9	15.8	15.4
Imports	8.8	9.3	9.5	9.8	10.0	10.5	10.7	10.7	10.8	11.1	11.4
Domestic use	24.1	26.3	26.3	25.9	26.6	26.6	26.0	25.7	24.8	25.1	25.2
Exports	2.3	2.4	2.4	2.3	2.0	2.2	2.2	2.0	1.9	1.8	1.7
Citrus fruit supply and use	(Million tons)										
Production	11.7	11.1	9.4	9.1	8.7	7.7	6.1	8.1	7.9	6.9	5.6
Imports	0.8	0.9	0.9	1.1	1.2	1.3	1.4	1.4	1.6	1.7	1.7
Domestic use	11.3	10.9	9.4	9.2	8.8	8.1	6.7	8.8	8.7	7.9	6.7
Exports	1.2	1.1	0.9	0.9	1.1	0.9	0.8	0.8	0.8	0.7	0.5
Tree nut supply and use	(Million tons)										
Production	1.4	1.4	1.4	1.4	1.7	1.6	1.8	1.8	2.3	2.2	1.9
Imports	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3
Domestic use	0.7	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	0.9	0.9
Exports	1.0	1.0	1.0	1.0	1.2	1.2	1.2	1.2	1.5	1.5	1.4
Ending stocks	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.6	0.5
Prices	(Cents per pound)										
Non-citrus fruit	44.3	41.7	42.8	45.3	47.2	49.2	46.3	45.6	47.4	53.3	55.5
Citrus fruit	15.9	14.3	19.7	18.5	19.6	22.9	27.4	20.9	21.6	24.3	26.6
Tree nut	298	365	422	312	257	278	275	274	207	222	167
Cash receipts	(Million dollars)										
Non-citrus fruit	16,017	16,530	16,665	16,585	17,523	17,989	16,134	15,477	15,013	16,809	17,094
Citrus fruit	3,713	3,170	3,704	3,354	3,436	3,532	3,330	3,400	3,396	3,355	2,979
Tree nut	8,378	10,514	11,879	8,508	8,740	9,068	9,740	10,150	9,483	9,747	6,544
Total receipts	28,108	30,214	32,249	28,447	29,698	30,589	29,205	29,027	27,892	29,912	26,616

U.S. Fruit and Tree Nut Supply and Utilization

	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34
Bearing area	(Million acres)										
Non-citrus fruit	1.82	1.82	1.82	1.82	1.81	1.81	1.81	1.81	1.81	1.81	1.81
Citrus fruit	0.59	0.59	0.61	0.61	0.60	0.60	0.60	0.59	0.59	0.59	0.59
Tree nut	2.70	2.65	2.65	2.69	2.68	2.73	2.76	2.81	2.84	2.87	2.89
Yield	(Tons per bearing acre)										
Non-citrus fruit	8.72	8.84	8.87	8.90	8.93	8.96	8.98	9.01	9.04	9.07	9.10
Citrus fruit	8.33	10.38	10.01	10.40	10.32	10.42	10.42	10.47	10.49	10.52	10.55
Tree nut	0.82	0.82	0.82	0.83	0.83	0.83	0.83	0.84	0.84	0.84	0.84
Non-citrus fruit supply and use	(Million tons)										
Production	15.9	16.1	16.1	16.2	16.2	16.2	16.2	16.3	16.3	16.4	16.5
Imports	11.9	12.2	12.4	12.5	12.6	12.7	12.8	12.9	13.0	13.1	13.2
Domestic use	26.1	26.5	26.7	26.8	26.9	27.0	27.2	27.3	27.4	27.6	27.7
Exports	1.7	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Citrus fruit supply and use	(Million tons)										
Production	4.9	6.1	6.1	6.3	6.2	6.3	6.2	6.2	6.2	6.2	6.2
Imports	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0
Domestic use	6.4	7.6	7.5	7.7	7.6	7.6	7.6	7.6	7.7	7.7	7.7
Exports	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Tree nut supply and use	(Million tons)										
Production	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4
Imports	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
Domestic use	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1
Exports	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7
Ending stocks	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Prices	(Cents per pound)										
Non-citrus fruit	51.5	50.0	49.9	49.8	50.0	50.2	50.2	50.2	50.1	50.0	49.9
Citrus fruit	26.3	26.0	26.6	25.4	26.1	25.9	25.9	25.9	25.7	25.6	25.5
Tree nut	186	188	214	212	220	212	208	201	201	198	197
Cash receipts	(Million dollars)										
Non-citrus fruit	16,287	16,032	16,054	16,072	16,129	16,197	16,249	16,291	16,330	16,371	16,405
Citrus fruit	2,577	3,201	3,243	3,222	3,248	3,237	3,228	3,215	3,192	3,173	3,150
Tree nut	8,313	8,275	9,406	9,499	9,866	9,714	9,662	9,556	9,659	9,644	9,695
Total receipts	27,176	27,508	28,703	28,793	29,243	29,148	29,140	29,063	29,181	29,187	29,250