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VEGETABLES — PROCESSING

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1960

ANNUAL SUMMARY

ACREAGE, PRODUCTION AND VALUE

Of

PRINCIPAL COMMERCIAL CROPS

By States

With Comparisons

December 16, 1960

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U. S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
CROP REPORTING BOARD

VEGETABLES - PROCESSING

1960

ANNUAL SUMMARY

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VEGETABLES -- PROCESSING

ANNUAL SUMMARY

1960

Production of the 10 principal vegetables for processing in 1960 was 6 percent more than last year and 11 percent above average, the Crop Reporting Board announced today. This year's production of 7.31 million tons compares with 6.91 million tons produced last year and the average of 6.59 million tons for the preceding 10-year period. It is 13 percent less than the 1956 record large production of 8.38 million tons.

The production of asparagus for processing in 1960 was 6 percent larger than in 1959 and 16 percent above average. Lima bean production increased 24 percent over last year. The tonnage frozen was up 28 percent and that canned was 16 percent larger. The volume of snap beans processed set another record and was 11 percent above last year. Six percent more snap beans were canned and 27 percent more were frozen. Production of beets for canning continued its downward trend with a further reduction of 4 percent. 39 percent more cabbage was used for sauerkraut than from last year's small crop. Sweet corn production was 12 percent less this year than last. However, 16 percent more corn was frozen, but the amount canned was down 17 percent. A record high yield of 146 bushels of cucumbers per acre on 5 percent fewer acres resulted in approximately the same quantity of pickles as last year. There were 8 percent less green peas processed. Production for freezing and canning was down 10 and 7 percent respectively. Spinach production was only 1 percent under last year. A 7 percent smaller spring crop more than offset larger winter and fall spinach crops. Tomato production was 14 percent higher this year than last. Better yields in all major producing States were responsible for the larger production.

The value of these vegetables used for processing is 285.4 million dollars. This is 10 percent higher than last year and 8 percent more than average.

The rank of the leading States growing vegetables for processing is shown below:

Rank	Acreage		Production		Value	
	State	Percent of total	State	Percent of total	State	Percent of total
1	California	15.1	California	34.2	California	28.2
2	Wisconsin	14.3	Wisconsin	7.6	Wisconsin	6.9
3	Minnesota	8.9	Ohio	5.8	Oregon	6.5
4	Illinois	7.2	New York	5.7	New York	6.4
5	Washington	7.2	Illinois	5.6	New Jersey	6.0

This report was made possible by the cooperation of vegetable processors who provided basic statistics concerning their operations. Supplementary information was supplied by State Agricultural Statisticians and cooperating agencies.

Summary of harvested acreage, production and value of principal processing vegetables,

United States, average 1949-58, annual 1959 and 1960

CROP	HARVESTED ACREAGE			YIELD PER ACRE			PRODUCTION			PRICE PER TON 1/			VALUE		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
	Acres			Tons (2,000 lbs.)			Tons (2,000 lbs.)			Dollars			1,000 dollars		
ASPARAGUS 2/	98,410	111,600	111,750	1.10	1.06	1.13	108,330	118,500	126,200	212.50	198.40	218.40	23,086	23,518	27,558
BEANS, LIMA. (Shelled)	101,200	77,760	91,810	.94	1.06	1.12	95,200	82,600	102,600	145.40	133.30	147.00	13,882	11,018	15,070
BEANS, SNAP.	136,500	165,570	176,160	2.30	2.23	2.33	307,800	369,000	410,400	115.50	107.10	109.90	35,582	39,531	45,121
BEETS..... (For canning)	17,900	13,490	14,480	8.90	10.6	9.51	159,200	143,200	137,700	20.20	18.40	20.20	3,200	2,640	2,777
CABBAGE..... (For Sauer-kraut)	15,200	10,920	14,000	13.3	13.7	14.9	200,600	149,800	208,800	13.60	15.20	15.40	2,675	2,279	3,208
CORN, SWEET. (In husk)	434,700	418,650	411,640	3.18	3.78	3.38	1,383,200	1,582,200	1390,500	20.80	19.10	19.20	28,918	30,249	26,759
CUCUMBERS... (For pickles)	131,300	101,510	96,840	2.33	3.34	3.52	305,600	339,000	340,400	59.10	50.80	54.70	18,061	17,238	18,609
PEAS, GREEN. (Shelled)	428,300	346,700	334,990	1.08	1.36	1.30	463,500	473,200	435,600	89.60	87.90	86.20	41,566	41,592	37,527
SPINACH.....	33,030	33,130	33,430	3.80	4.46	4.36	124,400	147,700	145,800	41.50	37.40	36.30	5,163	5,521	5,297
TOMATOES....	335,700	292,130	282,850	10.2	12.0	14.2	3,438,800	3,508,800	4013,500	26.20	24.40	25.80	91,081	85,746	103,505
TOTAL 10 CROPS	1,732,300	1,571,460	1,567,950				6,586,600	6,914,000	7311,500				263,213	259,332	285,431

1/ Season average price received by growers.
2/ Equivalent acreage harvested for processing.

Harvested acreage of principal processing vegetables by States,

annual 1959 and 1960

STATE AND DIVISION	Number of crops 1/	1959	1960
		Acres	
Maine	4	10,780	12,040
New Hampshire	2	630	500
Vermont	1	300	140
Massachusetts	1	760	570
Connecticut	1	40	30
New York	9	93,370	94,400
New Jersey	10	56,690	61,060
Pennsylvania	10	35,940	34,480
NORTH ATLANTIC		198,510	203,220
Ohio	8	32,790	30,990
Indiana	7	49,150	46,300
Illinois	9	106,570	112,500
Michigan	10	56,870	53,360
Wisconsin	9	239,890	223,990
Minnesota	7	136,330	139,280
Iowa	5	14,220	8,420
Missouri	4	1,370	820
South Dakota	1	290	300
Nebraska	1	220	320
NORTH CENTRAL		637,700	616,280
Delaware	7	40,630	41,600
Maryland	8	71,500	64,200
Virginia	9	19,850	17,070
West Virginia	2	300	450
North Carolina	3	18,900	18,200
South Carolina	3	4,000	5,200
Georgia	3	6,100	9,400
Florida	5	16,950	19,000
SOUTH ATLANTIC		178,230	175,120
Kentucky	3	3,000	2,750
Tennessee	7	13,890	15,900
Alabama	3	1,980	2,680
Mississippi	3	6,500	6,050
Arkansas	8	16,480	16,120
Louisiana	2	2,800	340
Oklahoma	5	10,980	12,000
Texas	7	33,400	32,800
SOUTH CENTRAL		89,030	88,640
Montana	2	500	1,150
Idaho	5	25,720	27,510
Wyoming	3	950	850
Colorado	7	10,090	8,210
New Mexico	1	1,400	750
Arizona	1	140	170
Utah	8	14,560	11,540
Washington	10	100,050	112,390
Oregon	8	88,170	85,120
California	9	226,410	237,000
WESTERN		467,990	484,690
UNITED STATES	10	1,571,460	1,567,950

1/ Number of crops for which estimates were made in 1960. Crops for each State are shown in commodity tables. For the United States the 10 crops are listed in the General Summary on page 4 of this report.

Production of principal processing vegetables by States, annual 1959 and 1960

STATE AND DIVISION	Number of crops 1/	1959	1960
		Tons (2,000 lbs.)	
Maine	4	27,900	28,900
New Hampshire	2	3,300	2,700
Vermont	1	1,000	300
Massachusetts	1	5,600	6,000
Connecticut	1	100	200
New York	9	372,500	413,300
New Jersey	10	240,000	349,000
Pennsylvania	10	177,600	191,300
NORTH ATLANTIC		828,000	983,600
Ohio	8	336,200	423,900
Indiana	7	329,500	334,800
Illinois	9	381,400	408,300
Michigan	10	235,600	221,600
Wisconsin	9	689,300	558,100
Minnesota	7	388,400	335,000
Iowa	5	61,700	50,000
Missouri	4	5,700	3,800
South Dakota	1	800	1,000
Nebraska	1	*	100
NORTH CENTRAL		2,428,600	2,336,600
Delaware	7	67,900	81,400
Maryland	8	208,100	253,300
Virginia	9	51,500	62,700
West Virginia	2	1,200	1,800
North Carolina	3	38,700	40,300
South Carolina	3	6,400	8,100
Georgia	3	8,700	12,300
Florida	5	51,700	65,000
SOUTH ATLANTIC		434,200	524,900
Kentucky	3	5,900	6,700
Tennessee	7	31,000	33,800
Alabama	3	4,900	7,400
Mississippi	3	11,500	6,200
Arkansas	8	34,900	33,400
Louisiana	2	4,400	300
Oklahoma	5	27,700	26,000
Texas	7	107,400	115,000
SOUTH CENTRAL		227,700	228,800
Montana	2	3,500	3,300
Idaho	5	99,100	80,400
Wyoming	3	3,000	3,000
Colorado	7	58,000	50,000
New Mexico	1	15,000	9,300
Arizona	1	1,000	900
Utah	8	68,700	72,700
Washington	10	236,000	254,300
Oregon	8	275,000	263,300
California	9	2,236,200	2,500,400
WESTERN		2,995,500	3,237,600
UNITED STATES	10	6,914,000	7,311,500

1/ Number of crops for which estimates were made in 1960. Crops for each State are shown in commodity tables. For the United States the 10 crops are listed in the General Summary on page 4 of this report. * Less than 100 tons.

Value of principal processing vegetables by States, annual 1959 and 1960 1/

STATE AND DIVISION	Number of crops 2/	1959	1960
		1,000 dollars	
Maine	4	1,386	1,665
New Hampshire	2	93	84
Vermont	1	43	30
Massachusetts	1	267	264
Connecticut	1	5	7
New York	9	15,855	17,118
New Jersey	10	13,561	18,612
Pennsylvania	10	6,640	7,282
NORTH ATLANTIC		37,850	45,062
Ohio	8	9,168	11,748
Indiana	7	8,591	9,388
Illinois	9	13,657	14,399
Michigan	10	10,985	11,183
Wisconsin	9	22,949	19,635
Minnesota	7	10,511	9,790
Iowa	5	1,693	1,351
Missouri	4	161	137
South Dakota	1	11	15
Nebraska	1	10	12
NORTH CENTRAL		77,736	77,658
Delaware	7	4,631	5,744
Maryland	8	7,918	9,920
Virginia	9	2,094	2,608
West Virginia	2	36	51
North Carolina	3	2,414	1,971
South Carolina	3	296	388
Georgia	3	686	1,023
Florida	5	2,458	4,093
SOUTH ATLANTIC		20,533	25,798
Kentucky	3	302	324
Tennessee	7	2,445	2,940
Alabama	3	187	359
Mississippi	3	584	380
Arkansas	8	2,015	2,337
Louisiana	2	145	27
Oklahoma	5	1,679	1,682
Texas	7	3,722	5,039
SOUTH CENTRAL		11,079	13,088
Montana	2	60	90
Idaho	5	3,464	2,971
Wyoming	3	94	105
Colorado	7	2,092	1,793
New Mexico	1	420	256
Arizona	1	51	46
Utah	8	2,328	2,782
Washington	10	15,450	16,892
Oregon	8	20,070	18,270
California	9	68,105	80,620
WESTERN		112,134	123,825
UNITED STATES	10	259,332	285,431

1/ Value is for the marketing season or crop year and does not correspond to calendar year income.

2/ Number of crops for which estimates were made in 1960. Crops for each State are shown in commodity tables. For the United States the 10 crops are listed in the General Summary on page 4 of this report.

Asparagus for fresh market and processing: Harvested acreage, yield, production, season average price received by growers and value, average 1949-58, annual 1959 and 1960

SEASONAL GROUP AND STATE	HARVESTED ACREAGE			YIELD PER ACRE			PRODUCTION			PRICE PER HUNDREDWEIGHT			VALUE		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
	Acres			Hundredweight			1,000 hundredweight			Dollars			1,000 dollars		
Early Spring:															
South Carolina.	170	---	---	12	--	--	2	---	---	12.16	---	---	25	---	---
California.....	72,760	77,800	75,400	23	24	26	1,705	1,867	1,960	11.36	11.25	11.78	19,404	21,005	23,081
Group Total...	72,930	77,800	75,400	23	24	26	1,707	1,867	1,960	11.36	11.25	11.78	19,429	21,005	23,081
Mid-Spring:															
Washington.....	11,710	15,800	16,100	31	23	26	355	363	419	9.92	10.38	11.40	3,510	3,767	4,777
Oregon.....	420	1,300	1,600	27	16	19	11	21	30	11.18	10.86	11.33	123	228	340
Group Total...	12,130	17,100	17,700	31	22	25	366	384	449	9.95	10.40	11.40	3,633	3,995	5,117
Late Spring:															
Massachusetts..	1,610	1,600	1,600	20	22	21	33	35	34	17.43	15.80	15.10	573	553	513
New Jersey.....	29,010	31,500	30,700	25	25	26	714	788	798	12.13	11.21	11.82	8,660	8,833	9,436
Pennsylvania...	1,060	900	950	23	23	24	24	21	23	16.90	19.24	17.91	398	404	412
Ohio.....	1,060	1,100	1,000	22	20	24	23	22	24	16.95	16.73	18.75	392	368	450
Illinois.....	8,550	8,600	9,200	19	17	16	166	146	147	11.10	10.40	11.13	1,830	1,518	1,636
Michigan.....	8,530	11,200	11,000	18	15	17	148	168	187	12.87	11.06	12.68	1,898	1,858	2,371
Delaware.....	1,910	2,800	2,800	19	20	19	36	56	53	12.29	10.50	11.20	438	588	594
Maryland.....	2,260	3,600	3,600	23	20	19	49	72	68	12.47	11.76	11.91	610	847	810
Other States 1/	2,800	4,100	4,450	18	16	15	51	64	61	11.53	10.54	11.37	593	679	698
Group Total...	56,810	65,400	65,300	22	21	21	1,244	1,372	1,395	12.39	11.41	12.13	15,393	15,648	16,920
UNITED STATES...	141,870	160,300	158,400	23	23	24	3,317	3,623	3,804	11.60	11.22	11.86	38,455	40,648	45,118

1/ Processing only. Includes New York, Indiana, Wisconsin, Minnesota, Iowa, Missouri, Nebraska, Virginia, Arkansas, and Idaho.

Asparagus for processing: Production, season average price received by growers, and value, average 1949-58, annual 1959 and 1960

SEASONAL GROUP AND STATE	PRODUCTION			PRICE PER TON			VALUE		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
	Tons			Dollars			1,000 Dollars		
Early Spring:									
South Carolina	20	---	---	147.00	---	---	3	---	---
California	56,830	60,000	64,100	202.00	190.00	212.00	11,591	11,400	13,589
Group Total	56,840	60,000	64,100	202.00	190.00	212.00	11,594	11,400	13,589
Mid-Spring:									
Washington	12,010	13,000	16,000	197.00	205.00	228.00	2,364	2,665	3,648
Oregon	350	650	1,000	188.00	199.00	216.00	66	129	216
Group Total	12,360	13,650	17,000	197.00	204.70	227.30	2,429	2,794	3,864
Late Spring:									
New Jersey	20,500	22,600	22,000	234.00	205.00	219.00	4,811	4,633	4,818
Illinois	6,740	5,800	5,900	204.00	196.00	201.00	1,369	1,137	1,186
Michigan	6,350	7,400	8,500	249.00	216.00	250.00	1,575	1,598	2,125
Delaware	1,540	2,800	2,650	242.00	210.00	224.00	368	588	594
Maryland	1,260	2,850	2,800	238.00	225.00	231.00	298	641	647
Other States 1/	2,730	3,420	3,200	233.00	212.60	229.70	641	727	735
Group Total	39,130	44,870	45,050	231.00	207.80	224.30	9,063	9,324	10,105
UNITED STATES	108,330	118,520	126,150	212.00	198.40	218.40	23,086	23,518	27,558

1/ New York, Pennsylvania, Ohio, Indiana, Wisconsin, Minnesota, Iowa, Missouri, Nebraska, Virginia, Arkansas, and Idaho.

Asparagus for fresh market: Production, season average price received by growers, and value, average 1949-58, annual 1959 and 1960

SEASONAL GROUP AND STATE	PRODUCTION			PRICE PER HUNDREDWEIGHT			VALUE		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
	1,000 hundredweight			Dollars			1,000 dollars		
Early Spring:									
South Carolina..	2	---	---	13.08	---	---	22	---	---
California.....	569	667	678	13.82	14.40	14.00	7,813	9,605	9,492
Group Total....	570	667	678	13.82	14.40	14.00	7,835	9,605	9,492
Mid-Spring:									
Washington.....	115	103	99	10.08	10.70	11.40	1,146	1,102	1,129
Oregon.....	4	8	10	14.08	12.40	12.40	57	99	124
Group Total....	119	111	109	10.22	10.82	11.50	1,203	1,201	1,253
Late Spring:									
Massachusetts...	33	35	34	17.43	15.80	15.10	573	553	513
New Jersey.....	304	336	358	12.71	12.50	12.90	3,849	4,200	4,618
Illinois.....	31	30	29	15.30	12.70	15.50	461	381	450
Michigan.....	21	20	17	15.28	13.00	14.50	323	260	246
Delaware.....	5	---	---	13.52	---	---	70	---	---
Maryland.....	24	15	12	13.29	13.70	13.60	312	206	163
Other States 1/.	43	39	44	17.37	18.56	18.75	741	724	825
Group Total....	461	475	494	13.78	13.31	13.80	6,330	6,324	6,815
UNITED STATES....	1,150	1,253	1,281	13.41	13.67	13.71	15,368	17,130	17,560

1/ Pennsylvania, Ohio, and Iowa.

Green lima beans for processing: Harvested acreage, yield, production, season average price received by growers, and value, average 1949-58, annual 1959 and 1960

STATE	HARVESTED ACREAGE			YIELD PER ACRE			PRODUCTION			PRICE PER TON 1/			VALUE		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
	Acres			Pounds (shelled)			Tons (2,000 pounds shelled)			Dollars			1,000 dollars		
New York.....	3,000	720	750	1,680	1,710	1,630	2,400	620	610	155.80	118.80	149.80	372	74	91
Pennsylvania....	4,000	1,700	1,400	1,380	1,490	1,770	2,750	1,270	1,240	141.80	146.50	171.80	391	186	213
Michigan.....	2,100	1,300	1,800	1,390	2,100	1,510	1,490	1,360	1,360	110.50	96.90	91.90	169	132	125
Wisconsin.....	6,500	4,300	5,500	1,690	2,140	2,030	5,510	4,600	5,580	135.50	96.20	101.60	754	443	567
Delaware.....	21,400	17,000	19,600	1,440	1,220	1,560	15,400	10,370	15,290	145.10	130.20	145.00	2,241	1,350	2,217
Maryland.....	4,400	2,400	3,000	1,380	1,140	1,470	3,080	1,370	2,200	132.00	120.00	123.60	412	164	272
Virginia.....	3,900	600	220	1,300	1,000	1,520	2,530	300	170	135.30	116.70	111.40	346	35	19
Washington.....	1,300	800	1,100	2,210	2,180	2,510	1,310	870	1,380	153.30	148.10	147.80	206	129	204
California.....	24,600	22,100	28,000	2,890	3,410	3,300	35,870	37,680	46,200	150.40	144.00	150.70	5,405	5,426	6,962
Other States 2/.	29,900	26,840	30,440	1,670	1,803	1,874	24,870	24,200	28,520	143.80	127.20	154.30	3,587	3,079	4,400
UNITED STATES...	101,200	77,760	91,810	1,890	2,126	2,234	95,200	82,640	102550	145.40	133.30	147.00	13,882	11,018	15,070
For freezing 3/.	4/63,030	49,250	60,700	4/ 2,185	2,357	2,440	4/ 68,540	58,030	74,070	4/150.00	141.40	149.30	4/ 10,297	8,204	11,058
Baby limas.....	5/34,470	33,220	40,920	5/ 2,020	1,919	1,999	5/ 34,820	31,880	40,900	5/139.90	136.80	143.50	5/ 4,870	4,362	5,871
Fordhooks.....	5/18,060	16,030	19,780	5/ 3,382	3,263	3,354	5/ 30,540	26,150	33,170	5/152.80	146.90	156.40	5/ 4,667	3,842	5,187
For canning and other processing 3/...	4/35,920	28,510	31,110	4/ 1,598	1,726	1,831	4/ 28,570	24,610	28,480	4/138.20	114.30	140.90	4/ 3,969	2,814	4,01

1/ Season average price received by growers.

2/ Arkansas, Colorado, Idaho, Illinois, Indiana, Iowa, Minnesota, Missouri, New Jersey, Ohio, Oklahoma, Oregon, Tennessee, and Utah.

3/ Not shown by States to avoid disclosure of individual operations.

4/ 1952-58 average. Estimates not available prior to 1952.

5/ 1958 only. Estimates not available for prior years.

Snap Beans for Processing: Harvested acreage, yield, production, season average price received by growers, and value, average 1949-58, annual 1959 and 1960

STATE	HARVESTED ACREAGE			YIELD PER ACRE			PRODUCTION			PRICE PER TON 1/			VALUE		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
	Acres			Tons			Tons			Dollars			1,000 dollars		
Maine	2,400	2,000	2,000	2.3	1.8	2.1	5,500	3,600	4,200	97.80	101.60	101.70	538	366	427
New York	30,700	39,700	43,000	1.7	1.7	1.7	53,400	67,500	73,100	119.00	101.20	99.80	6,358	6,831	7,295
Pennsylvania	5,200	5,800	8,200	2.0	1.5	1.6	10,200	8,700	13,100	117.50	103.20	105.30	1,211	898	1,379
Michigan	6,800	7,400	8,000	1.6	1.8	1.5	10,800	13,300	12,000	110.20	89.00	83.70	1,194	1,184	1,004
Wisconsin	15,300	23,100	20,400	1.6	1.6	1.8	23,800	37,000	36,700	108.80	85.90	72.30	2,567	3,178	2,653
Delaware	2,500	5,700	5,800	1.4	1.1	1.3	3,400	6,300	7,500	95.30	91.70	84.20	330	578	632
Maryland	10,600	10,300	8,900	1.6	1.3	2.1	17,100	13,400	18,700	100.70	95.30	102.70	1,735	1,277	1,920
Virginia	3,900	2,800	2,100	1.5	1.1	2.0	6,000	3,100	4,200	107.70	102.60	116.20	657	318	488
North Carolina	2,800	4,000	3,500	1.8	2.0	1.4	5,300	8,000	4,900	121.50	115.00	96.50	651	920	473
South Carolina	970	1,000	1,200	1.1	1.0	1.0	1,000	1,000	1,200	108.40	107.00	100.00	109	107	120
Florida 2/	10,600	8,900	12,200	1.7	1.4	1.9	18,100	12,100	23,450	112.30	123.20	124.80	2,070	1,491	2,927
Tennessee	5,900	7,500	8,600	1.8	2.1	2.1	10,900	15,800	18,000	127.20	110.00	118.00	1,354	1,738	2,124
Arkansas	4,500	5,600	5,700	1.4	2.0	2.0	6,800	11,200	11,400	108.70	85.40	109.40	663	956	1,247
Louisiana	700	700	300	.8	.6	.8	550	400	240	93.40	100.00	88.00	51	40	21
Oklahoma	3,100	5,000	5,000	1.2	2.1	2.0	3,900	10,500	10,000	104.60	87.20	94.20	377	916	942
Texas	7,400	8,000	11,000	1.4	1.4	1.8	10,700	11,200	19,800	84.40	85.00	90.30	905	952	1,788
Colorado	1,400	1,700	1,700	3.8	3.0	2.7	5,400	5,100	4,600	89.30	87.40	87.50	485	446	402
Washington	2,200	1,600	1,600	4.7	5.8	5.2	10,100	9,300	8,300	124.80	123.80	128.60	1,264	1,151	1,067
Oregon	8,700	11,100	11,700	7.8	7.5	7.1	67,900	83,200	83,100	127.90	126.70	133.50	8,692	10,541	11,094
California	2,700	3,800	3,600	7.1	7.1	8.6	19,500	27,000	31,000	119.80	124.70	125.40	2,375	3,367	3,887
Other States 3/	8,100	9,870	11,660	2.1	2.2	2.1	17,400	21,260	24,910	114.40	107.10	129.70	1,997	2,276	3,231
UNITED STATES	136,500	165,570	176,160	2.3	2.2	2.3	307,800	368,960	410,400	115.50	107.10	109.90	35,582	39,531	45,121
For Freezing 4/	5/ 33,280	36,710	45,660	5/2.5	2.4	2.5	5/ 84,140	88,410	112,610	5/123.90	121.30	126.30	5/10,424	10,722	14,219
For canning and other processing 4/	5/113,300	128,860	130,500	5/2.3	2.2	2.3	5/259,170	280,550	297,790	5/112.60	102.70	103.80	5/29,213	28,809	30,902

1/ Season average price received by growers. 2/ Sum of estimates by seasonal groups.
3/ Alabama, Georgia, Idaho, Illinois, Indiana, Iowa, Kentucky, Minnesota, Mississippi, Missouri, Nebraska, New Hampshire, New Jersey, New Mexico, Ohio, Utah, Vermont and Wyoming.
4/ Not shown by States to avoid individual disclosure.
5/ 1954-58 average. Estimates not available for prior years.

Beets for canning: Harvested acreage, yield, production, season average price received by growers, and value, average 1949-58, annual 1959 and 1960

STATE	HARVESTED ACREAGE			YIELD PER ACRE			PRODUCTION			PRICE PER TON 1/			VALUE		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
	Acres			Tons (2,000 lb.)			Tons (2,000 lb.)			Dollars			1,000 dollars		
New York.....	4,300	4,000	4,500	10.5	12.9	10.6	45,200	51,600	47,700	21.00	17.60	20.20	942	908	964
Michigan.....	880	500	480	8.6	10.8	9.5	7,300	5,400	4,600	18.30	16.30	18.20	132	88	84
Wisconsin.....	7,100	4,400	4,600	8.6	10.6	8.5	60,500	46,600	39,100	17.90	14.80	17.00	1,085	690	665
Oregon.....	1,500	1,300	1,400	13.7	15.7	14.5	20,600	20,400	20,300	24.90	26.80	24.00	512	547	487
Other States 2/.	4,100	3,290	3,500	6.1	5.8	7.4	25,400	19,200	26,000	20.80	21.20	22.20	528	407	577
UNITED STATES...	17,900	13,490	14,480	8.9	10.6	9.5	159,200	143,200	137,700	20.20	18.40	20.20	3,200	2,640	2,777

1/ Season average price received by growers.
2/ California, Colorado, Delaware, Illinois, Louisiana, Maryland, Minnesota, New Jersey, Ohio, Oklahoma, Pennsylvania, Tennessee, Texas, Utah, Washington and Wyoming.

Cabbage for sauerkraut: Harvested acreage, yield, production, season average price received by growers, and value, average 1949-58, annual 1959 and 1960

STATE	HARVESTED ACREAGE			YIELD PER ACRE			PRODUCTION			PRICE PER TON 1/			VALUE		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
	Acres			Tons (2,000 lb.)			Tons (2,000 lb.)			Dollars			1,000 dollars		
New York.....	5,400	3,600	4,700	15.3	13.9	17.0	80,700	50,000	79,900	13.80	17.20	17.00	1,089	860	1,358
Ohio.....	1,300	700	1,500	13.5	15.1	14.5	18,000	10,600	21,800	12.00	12.00	12.30	217	127	268
Wisconsin.....	4,100	2,900	4,200	13.0	13.4	13.8	53,100	38,900	58,000	12.20	13.00	14.30	630	506	829
Other States 2/.	4,400	3,720	3,600	11.4	13.5	13.3	48,800	50,270	49,080	15.30	15.60	15.30	739	786	753
UNITED STATES...	15,200	10,920	14,000	13.3	13.7	14.9	200,600	149,770	208,780	13.60	15.20	15.40	2,675	2,279	3,208

1/ Season average price received by growers.
2/ Colorado, Florida, Idaho, Illinois, Indiana, Iowa, Maryland, Michigan, Minnesota, Missouri, New Jersey, North Carolina, Oregon Pennsylvania, Tennessee, Utah, Virginia, and Washington.

Sweet corn for processing: Harvested acreage, yield, production, season average price received by growers, and value, average 1949-58, annual 1959 and 1960

STATE	HARVESTED ACREAGE			YIELD PER ACRE 1/			PRODUCTION 1/			PRICE PER TON 2/			VALUE		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
	Acres			Tons (2,000 lb.)			Tons (2,000 lb.)			Dollars			1,000 dollars		
Maine.....	6,400	3,900	3,000	3.59	4.30	4.72	22,200	16,800	14,200	25.30	23.80	23.90	590	400	339
New York.....	22,400	21,100	19,900	3.07	3.01	3.53	68,400	63,500	70,200	22.10	20.90	22.30	1,520	1,327	1,565
Pennsylvania...	11,400	8,700	8,900	2.53	2.60	3.30	28,800	22,600	29,400	24.30	22.90	22.90	703	518	673
Ohio.....	10,300	5,900	4,900	2.65	3.30	3.43	26,700	19,500	16,800	17.90	17.20	16.60	488	335	279
Indiana.....	24,400	16,500	13,400	2.02	2.91	2.90	47,700	48,000	38,900	19.20	16.80	16.60	941	806	646
Illinois.....	60,700	61,100	62,600	3.31	3.44	3.46	201,200	210,200	216,600	21.80	20.30	19.70	4,410	4,267	4,267
Wisconsin.....	99,600	102,600	95,600	2.91	3.91	2.75	294,400	401,200	262,900	19.30	17.30	17.10	5,749	6,941	4,496
Minnesota.....	84,500	86,800	91,300	3.48	3.83	3.02	294,500	332,400	275,700	18.40	16.70	16.50	5,426	5,551	4,549
Iowa.....	21,200	9,000	5,200	3.02	3.78	3.35	63,200	34,000	17,400	19.90	17.70	16.40	1,274	602	285
Delaware.....	4,500	5,400	4,900	2.70	3.40	3.40	12,100	18,400	16,700	20.60	20.40	19.00	252	375	317
Maryland.....	31,400	32,800	30,200	2.39	2.84	3.30	75,200	93,200	99,700	20.40	20.20	19.90	1,539	1,883	1,984
Idaho.....	9,500	12,400	12,300	4.98	5.92	5.02	47,600	73,400	61,700	21.80	19.20	21.20	1,052	1,409	1,308
Washington.....	14,000	16,800	22,200	4.77	4.82	4.76	67,500	81,000	105,700	23.00	21.50	21.40	1,575	1,742	2,262
Oregon.....	14,000	17,700	21,500	4.60	5.29	4.95	65,400	93,600	106,400	28.80	27.20	23.90	1,883	2,546	2,543
Other States 3/	20,200	17,950	15,740	3.38	4.14	3.70	68,200	74,400	58,200	22.20	20.80	21.40	1,517	1,547	1,246
UNITED STATES..	434,700	418,650	411,640	3.18	3.78	3.38	1,383,200	1,582,200	1,390,500	20.80	19.10	19.20	28,918	30,249	26,759
For freezing 4/	5/ 61,500	63,640	76,140	5/ 3.66	3.80	3.69	5/ 225,500	241,800	281,200	5/22.60	22.40	21.80	5/ 5,123	5,425	6,119
For canning and other processing 4/.....	5/376,000	355,010	335,500	5/ 3.28	3.78	3.31	5/1,231,400	1,340,400	1,109,300	5/20.00	18.50	18.60	5/ 24,736	24,824	20,640

1/ Tonnage in husk.
2/ Season average price received by growers.
3/ Arkansas, California, Colorado, Louisiana, Michigan, Montana, Nebraska, New Hampshire, New Jersey, Oklahoma, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, West Virginia and Wyoming.
4/ Not shown by States to avoid disclosure of individual operations.
5/ 1953-58 average. Estimates not available prior to 1953.

Cucumbers for pickles: Harvested acreage, yield, production, season average price received by growers

and value, average 1949-58, annual 1959 and 1960

STATE	HARVESTED ACREAGE			YIELD PER ACRE			PRODUCTION			PRICE PER BUSHEL 1/			VALUE		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
	Acres			Bushels (48 lb.)			1,000 bushels			Dollars			1,000 dollars		
Ohio	2,100	1,500	1,200	127	180	192	274	270	230	1.80	1.70	1.75	497	459	402
Indiana	2,600	1,200	900	101	186	230	252	223	207	1.30	.90	1.05	328	201	217
Michigan	38,400	24,000	19,900	89	192	202	3,347	4,608	4,020	1.45	1.15	1.25	4,536	5,299	5,025
Wisconsin	20,800	16,100	14,500	82	120	127	1,702	1,932	1,842	1.60	1.20	1.30	2,646	2,318	2,395
Delaware	1,000	700	700	114	185	200	109	130	140	1.45	1.25	1.25	159	162	175
Maryland	2,800	2,900	2,300	139	185	225	379	536	518	1.35	1.20	1.20	510	643	622
Virginia	4,300	3,100	2,400	63	65	110	270	202	264	1.30	1.60	1.25	351	323	330
North Carolina	13,100	14,800	14,600	83	83	96	1,100	1,228	1,402	1.25	1.20	1.05	1,387	1,474	1,472
South Carolina	2,600	1,200	2,000	63	45	60	169	54	120	1.25	1.05	1.15	208	57	138
Texas	5,700	5,000	4,500	60	117	187	358	585	842	1.55	1.05	1.35	533	614	1,137
Colorado	2,500	1,500	1,200	264	365	300	632	548	360	1.40	1.00	1.15	898	548	414
Washington	1,100	950	1,100	213	174	240	240	165	264	1.40	1.50	1.40	340	248	370
California	3,300	3,000	3,100	368	415	435	1,214	1,245	1,348	1.25	1.35	1.45	1,506	1,681	1,955
Other States 2/	30,700	25,560	28,440	87	94	92	2,688	2,401	2,625	1.55	1.34	1.51	4,163	3,211	3,957
UNITED STATES	131,300	101,510	96,840	97	139	146	12,732	14,127	14,182	1.45	1.22	1.31	18,061	17,238	18,609

1/ Season average price received by growers.

2/ Alabama, Arizona, Arkansas, Connecticut, Florida, Georgia, Illinois, Iowa, Kentucky, Louisiana, Maine, Massachusetts, Minnesota, Mississippi, Missouri, New Hampshire, New Jersey, New York, Oklahoma, Oregon, Pennsylvania, South Dakota, and Utah.

Green peas for processing: Harvested acreage, yield, production, season average price received by growers and value, average 1949-58, annual 1959 and 1960

STATE	HARVESTED ACREAGE			YIELD PER ACRE			PRODUCTION			PRICE PER TON 1/			VALUE		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
	Acres			Pounds (shelled)			Tons (2,000 lb. shelled)			Dollars			1,000 dollars		
New York.....	21,400	11,100	10,500	1,850	2,820	3,000	18,500	15,650	15,750	99.00	100.90	101.30	1,828	1,579	1,595
Pennsylvania...	12,100	5,700	4,800	2,230	2,700	2,670	13,400	7,700	6,410	101.60	118.90	103.70	1,352	916	665
Indiana.....	2,700	1,900	1,700	1,710	1,820	2,360	2,300	1,730	2,010	87.40	95.00	78.60	197	164	158
Illinois.....	26,600	22,800	26,300	2,310	3,560	3,370	30,900	40,580	44,320	105.70	102.50	94.10	3,258	4,159	4,171
Michigan.....	5,400	4,000	4,100	1,800	1,980	2,170	4,800	3,960	4,450	92.50	80.50	85.60	439	319	381
Wisconsin.....	122,600	85,600	78,500	2,170	2,500	2,700	133,200	107,000	106,000	84.90	80.90	74.40	11,301	8,656	7,886
Minnesota.....	54,100	42,100	40,500	1,940	2,230	2,540	52,100	46,940	51,440	96.10	89.10	86.00	5,003	4,182	4,424
Delaware.....	3,400	6,700	6,100	2,360	2,690	2,840	4,200	9,010	8,660	104.90	116.70	111.50	466	1,051	966
Maryland.....	8,600	7,100	6,400	2,370	2,800	3,150	10,100	9,940	10,080	89.40	91.30	89.50	908	908	902
Idaho.....	10,400	9,800	10,900	2,250	2,610	1,780	11,500	12,790	9,700	86.70	80.80	77.20	1,006	1,033	749
Washington.....	64,200	66,100	71,300	2,410	3,250	2,710	78,400	107,410	96,600	86.20	84.30	92.00	6,775	9,055	8,887
Oregon.....	55,200	55,900	48,400	2,010	2,510	1,790	55,600	70,150	43,320	85.20	85.70	82.80	4,723	6,012	3,587
California.....	8,800	7,300	7,000	2,720	3,230	3,860	12,200	11,790	13,510	73.90	77.50	71.40	906	914	965
Other States 2/	32,800	20,600	18,490	2,225	2,772	2,522	36,400	28,550	23,320	94.30	92.60	94.00	3,404	2,644	2,191
UNITED STATES..	428,300	346,700	334,990	2,162	2,730	2,600	463,500	473,200	435,570	89.60	87.90	86.20	41,566	41,592	37,527
For freezing 3/	115,200	119,530	120,920	2,210	2,853	2,527	128,800	170,490	152,760	91.80	90.10	84.20	11,815	15,369	12,866
For canning and other processing 3/..	313,100	227,170	214,070	2,139	2,665	2,642	334,700	302,710	282,810	88.90	86.60	87.20	29,751	26,223	24,661

1/ Season average price received by growers.

2/ Arkansas, Colorado, Iowa, Kansas, Maine, Missouri, Montana, Nebraska, New Jersey, Ohio, Oklahoma, Tennessee, Utah, Virginia, West Virginia, and Wyoming.

3/ Not shown by States to avoid disclosure of individual operations.

Spinach for processing: Harvested acreage, yield, production, season average price received by growers, and value, average 1949-58 annual 1959 and 1960

SEASONAL GROUP AND STATE	HARVESTED ACREAGE			YIELD PER ACRE			PRODUCTION			PRICE PER TON 1/			VALUE		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
	Acres			Tons (2,000 lb.)			Tons (2,000 lb.)			Dollars			1,000 dollars		
Winter:															
Florida.....	2/ 650	1,000	900	2/ 4.1	4.4	6.0	2/ 2,800	4,400	5,400	2/33.30	30.00	35.20	2/ 94	132	190
Early Spring:															
California.....	7,700	9,100	9,000	6.6	7.1	7.0	50,800	64,600	63,000	24.10	24.60	23.50	1,228	1,589	1,480
Late Spring:															
New York.....	1,150	1,300	1,200	8.0	8.2	7.9	9,200	10,700	9,500	32.50	38.80	37.90	299	415	360
Arkansas.....	3,660	3,800	2,700	1.8	2.3	2.0	6,500	8,700	5,400	61.70	49.40	49.10	397	430	265
Oklahoma.....	4,630	4,200	3,000	2.2	3.0	2.6	9,700	12,600	7,800	58.70	48.60	49.50	566	612	386
Washington.....	210	250	220	6.2	7.9	10.0	1,300	2,000	2,200	39.30	32.20	30.30	51	64	67
Other States 3/	8,900	8,420	8,810	2.3	3.3	3.3	20,400	27,580	29,100	58.10	52.50	46.10	1,201	1,447	1,342
Group Total...	18,550	17,970	15,930	2.6	3.4	3.4	47,100	61,580	54,000	53.40	48.20	44.80	2,514	2,968	2,420
Fall:															
Arkansas.....	670	500	1,000	2.0	1.8	2.0	1,300	900	2,000	58.70	45.60	50.00	71	41	100
Oklahoma.....	900	400	2,600	1.7	1.5	2.1	1,600	600	5,500	59.80	50.00	48.00	84	30	264
Washington.....	480	580	630	7.6	7.7	8.3	3,500	4,500	5,200	32.30	29.80	29.30	114	134	152
Other States 4/	4,610	3,580	3,370	4.2	3.1	3.2	19,600	11,120	10,700	57.30	56.40	64.60	1,133	627	691
Group Total...	6,660	5,060	7,600	4.0	3.4	3.1	26,000	17,120	23,400	53.60	48.60	51.60	1,403	832	1,207
UNITED STATES...	33,030	33,130	33,430	3.8	4.5	4.4	124,400	147,700	145,800	41.50	37.40	36.30	5,163	5,521	5,297

1/ Season average price received by growers.
2/ 1957-58 average only. Not available for prior years.
3/ Delaware, Maryland, Michigan, Mississippi, New Jersey, Pennsylvania, Tennessee, Texas, Virginia, and Wisconsin.
4/ Maryland, New Jersey, New York, Pennsylvania, Tennessee, Virginia, and California.

Tomatoes for processing: Harvested acreage, yield, production, season average price received by growers, and value, average 1949-58, annual 1959 and 1960

STATE	HARVESTED ACREAGE			YIELD PER ACRE			PRODUCTION			PRICE PER TON 1/			VALUE		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
	Acres			Tons (2,000 lb.)			Tons (2,000 lb.)			Dollars			1,000 dollars		
New York.....	16,100	10,900	9,100	9.1	10.1	12.5	147,800	110,100	113,800	30.50	33.50	33.00	4,479	3,688	3,755
New Jersey...	26,400	14,000	17,200	8.7	12.6	15.8	225,900	176,400	271,800	32.90	31.20	31.90	7,479	5,504	8,670
Pennsylvania.	21,900	13,000	10,500	7.9	10.1	12.9	173,000	131,300	135,400	32.20	30.00	31.20	5,564	3,939	4,224
Ohio.....	19,800	22,300	21,300	9.8	13.3	17.7	190,300	296,600	377,000	27.20	27.00	27.80	5,227	8,008	10,481
Indiana.....	36,400	26,100	26,500	7.6	10.2	10.6	268,800	266,200	280,900	26.90	26.20	28.10	7,351	6,974	7,893
Illinois.....	10,400	9,400	8,700	10.1	12.2	14.9	104,400	114,700	129,600	29.00	28.80	29.00	3,085	3,303	3,758
Michigan.....	7,500	7,500	6,900	8.8	11.0	12.1	65,100	82,500	84,200	26.70	26.40	27.00	1,756	2,178	2,273
Wisconsin....	1,100	600	400	8.4	10.5	9.3	8,500	6,300	3,700	27.60	28.40	25.40	232	179	94
Iowa.....	1,500	1,400	1,800	7.1	16.4	16.5	10,700	23,000	29,700	27.70	28.50	28.70	301	656	852
Missouri.....	2,800	1,000	550	2.4	5.0	6.0	6,900	5,000	3,300	30.50	20.30	26.00	229	102	86
Delaware.....	4,300	1,900	1,700	8.1	9.0	16.0	33,100	17,100	27,200	34.30	29.80	31.00	1,132	510	843
Maryland.....	17,600	10,600	8,600	7.0	6.6	12.0	122,800	70,000	103,200	34.30	29.80	31.50	4,208	2,086	3,251
Virginia.....	14,100	10,000	9,000	4.1	3.5	4.8	58,300	35,000	43,200	31.10	27.70	30.80	1,830	970	1,331
South Carolina...	1,600	1,800	2,000	2.0	2.3	2.0	3,000	4,100	4,000	32.00	32.10	32.50	95	132	130
Florida 2/...	7,000	6,500	4,800	5.1	5.3	7.2	36,200	34,400	34,500	25.20	23.30	25.20	924	802	869
Kentucky.....	1,500	900	1,000	3.5	2.8	2.2	5,000	2,500	2,200	28.00	27.50	26.60	140	69	59
Arkansas.....	3,800	2,600	2,100	2.6	2.0	2.7	10,000	5,200	5,700	32.70	22.50	36.60	339	117	209
Texas.....	16,700	12,000	7,700	2.6	3.8	3.9	43,600	45,600	30,000	23.40	21.00	28.90	969	958	867
Colorado.....	3,000	3,400	2,400	8.0	8.7	11.3	23,600	29,600	27,100	23.80	23.70	24.40	566	702	661
Utah.....	6,000	3,800	3,200	11.2	8.7	14.5	69,900	33,100	46,400	23.10	21.40	24.20	1,634	708	1,123
California...	112,400	129,700	135,000	15.9	15.4	16.6	1,815,600	1,997,400	2,241,000	23.60	21.80	23.00	43,084	43,543	51,543
Other States 3/..	4,000	2,730	2,400	4.1	8.3	8.2	16,200	22,700	19,600	28.90	27.20	27.20	457	618	533
UNITED STATES	335,700	292,130	282,850	10.2	12.0	14.2	3,438,800	3,508,800	4,013,500	26.20	24.40	25.80	91,081	85,746	103,505

1/ Season average price received by growers.

2/ Sum of estimates by seasonal groups.

3/ Alabama, Arizona, Kansas, Louisiana, Mississippi, Nebraska, New Mexico, North Carolina, Oklahoma, Oregon, Tennessee, Washington and West Virginia.