

Sweet Potato for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2019-2021

State	Area planted			Area harvested		
	2019	2020	2021	2019	2020	2021
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
California	21,500	20,500	18,500	21,500	20,500	18,500
Mississippi	28,000	30,000	30,000	27,500	29,500	29,500
North Carolina	98,000	106,000	105,000	97,700	105,300	104,700
United States	147,500	156,500	153,500	146,700	155,300	152,700
State	Yield per acre			Total production		
	2019	2020	2021	2019	2020	2021
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California	380.0	360.0	330.0	8,170.0	7,380.0	6,105.0
Mississippi	155.0	200.0	150.0	4,262.5	5,900.0	4,425.0
North Carolina	200.0	160.0	175.0	19,540.0	16,848.0	18,322.5
United States	217.9	194.0	188.9	31,972.5	30,128.0	28,852.5
State	Harvested not sold			Utilized production		
	2019	2020	2021	2019	2020	2021
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California	49.0	-	-	8,121.0	7,380.0	6,105.0
Mississippi	-	-	-	4,262.5	5,900.0	4,425.0
North Carolina	1,211.5	84.2	-	18,328.5	16,763.8	18,322.5
United States	1,260.5	84.2	-	30,712.0	30,043.8	28,852.5
State	Price per cwt			Value of utilized production		
	2019	2020	2021	2019	2020	2021
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
California	23.30	28.90	30.30	189,236	213,636	184,925
Mississippi	17.60	20.60	23.40	75,021	121,540	103,545
North Carolina	21.70	19.90	21.40	397,606	332,917	391,950
United States	21.60	22.20	23.60	661,863	668,093	680,420

- Represents zero.

Sweet Potato Production, Price, and Value by Utilization – States and United States: 2019-2021

Utilization and State	Utilized production					
	2019	2020	2021			
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)			
Fresh market						
California	7,745.2	6,789.6	5,396.8			
Mississippi	2,344.4	3,540.0	2,655.0			
North Carolina	13,189.5	13,950.1	14,254.9			
United States	23,279.1	24,279.7	22,306.7			
Utilization and State	Utilized production					
	2019	2020	2021			
	(tons)	(tons)	(tons)			
Processing						
California	18,791	29,520	35,409			
Mississippi	95,906	118,000	88,500			
North Carolina	256,951	140,681	203,380			
United States	371,648	288,201	327,289			
Utilization and State	Price per unit			Value of utilized production		
	2019	2020	2021	2019	2020	2021
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
Fresh market						
California	23.70	30.20	31.30	183,561	205,046	168,920
Mississippi	27.50	29.00	34.00	64,471	102,660	90,270
North Carolina	25.10	20.90	24.20	331,056	291,557	344,969
United States	24.90	24.70	27.10	579,088	599,263	604,159
Utilization and State	Price per unit			Value of utilized production		
	2019	2020	2021	2019	2020	2021
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
Processing						
California	302.00	291.00	452.00	5,675	8,590	16,005
Mississippi	110.00	160.00	150.00	10,550	18,880	13,275
North Carolina	259.00	294.00	231.00	66,550	41,360	46,981
United States	223.00	239.00	233.00	82,775	68,830	76,261

Definitions of Terms

Area harvested: The total vegetable acreage harvested for all purposes (both fresh and processing utilization).

Area planted: The total vegetable acreage planted for all purposes (both fresh and processing utilization).

Harvested not sold: The difference between total production and utilized production. These are vegetables that were harvested from the field, but were not sold for various reasons including but not limited to poor quality, marketing restrictions, or other reasons.

Hundredweight (cwt): The standard unit used for the all yield, all total production, harvested not sold, all utilized production, as well as the fresh market utilized production and fresh market price. One hundredweight is equal to 100 pounds.

Ton: Standard unit for processed vegetables. One ton is equal to 2,000 pounds.

Total Production: The quantity of a crop that was actually harvested and left the field.

Utilization: These estimates refer to the first utilization, not necessarily the final utilization of a crop. For example, fresh market vegetables include some vegetables that may be later processed for sauce, soups, and preserves. Grade-outs for vegetables which are processed are included in the processing quantity.

Utilized production: The amount of a crop sold for fresh market, sold for processing, the quantities used at home to make processed items, or held in storage. It is the difference between total production and harvested not sold.

Processing: Operations that alter the general state of the commodity, such as canning, cooking, freezing, dehydration, milling, grinding, pasteurization, pickling, juicing, or slicing.

Fresh Market: Utilized production that is not processed is considered fresh market.

Yield per acre: Total production divided by area harvested.

Price and Value Definitions

Price: Represents the Marketing Year Average (MYA) price. For a crop sold for both fresh market and processing, the (MYA) is a weighted average of the fresh and processing prices.

Prices for fresh vegetables are the average prices producers receive at the point of first sale. This is commonly referred to as the **average price as sold**. Since the point of first sale is not the same for all producers, prices for the various methods of sale are weighted by the proportionate quantity sold. For example, if in a given State part of the vegetables are sold free on board (F.O.B.) packed by growers, part are sold as bulk vegetables at the packinghouse door, and some are sold retail at roadside stands, the fresh vegetable **average price as sold** is a weighted average of the average price for each method of sale.

F.O.B. packed prices are adjusted to an equivalent incoming packinghouse door price by subtracting all costs that accumulate between the incoming packinghouse door and the F.O.B. price. These costs include grading, packing, inspecting fees, selling, and other costs. Prices for vegetables sold for processing are equivalent returns for vegetables delivered to the processing plant door.

Value: Crop value estimates in this report cover the marketing season or crop year and should not be confused with cash receipts which are based on a calendar year.

State MYA Price and Value Computations

Fresh Market Value:

Fresh Market MYA * Fresh Market Utilization

Processed Value:

Processed MYA * Processed Utilization

"All" Value:

Fresh Market Value + Processed Value

"All" MYA:

$$\frac{\text{"All" Value}}{\text{"All" Utilization}}$$

United States MYA Price and Value Computations

Fresh Market MYA:

$$\frac{\sum(\text{Fresh Market Value For All States})}{\sum(\text{Fresh Market Utilization For All States})}$$

Processed MYA:

$$\frac{\sum(\text{Processed Value For All States})}{\sum(\text{Processed Utilization For All States})}$$

"All" MYA:

$$\frac{\sum(\text{Value For All States})}{\sum(\text{Utilization For All States})}$$