Submitted via *Federal Rulemaking Portal: http://www.regulations.gov*

June 16, 2020

Director, Safety Net Division
Farm Service Agency
U.S. Department of Agriculture

RE: Docket ID FSA-2020-0004

On behalf of the apple growers of the United States, we are submitting this comment for consideration by the Department of Agriculture for the Notice of Funds Availability within the Coronavirus Food Assistance Program (CFAP).

BACKGROUND

The top 10 largest apple producing states are, in order, Washington, New York, Michigan, Pennsylvania, California, Oregon, Virginia, North Carolina, West Virginia and Idaho. Each year, the U.S. produces about 250 million, 42-pound bushels of apples. Although the value of the 2019 crop is the lowest in a decade, in normal years it would exceed $4 billion at the farmgate, and approximately $15 billion in total economic activity when including downstream storage, sorting, packing, shipping, marketing, exporting and processing. There are approximately 5,000 commercial apple growers in 42 states across the U.S.

SUMMARY

- In its CFAP analysis of price impact on growers, USDA used its own Agricultural Marketing Service (AMS) terminal data that are far removed from the prices received by growers, are often merely offerings and not actual sales, and can represent quantities as small as one bushel.
- Therefore, the Department's analysis is fatally flawed, and its determination that apple prices during the January 15-April 15, 2020 study period had not declined by 5 percent or more is incorrect.
- In contrast, we are submitting actual sales price data on 43.8 million bushels that show prices declined from 6.5 percent to 24.9 percent.
- Our data capture more than half of all the national sales from the study period.
- Approximately 95 percent of U.S. apple sales are made between packer/shippers and large supermarket chains. Data from these sales are not captured by AMS and therefore were not included in the CFAP analysis.
- Shipping volumes in the study period declined 24 percent.
- Stocks on hand are 15 percent larger than the previous record, and 26 percent above the five-year average.
- Apples in storage are still owned by the grower, are not under purchase contract, and grower payments are determined via pooling method (average pricing for all growers' fruit sold over a period of time). Therefore, growers are subject to market risk.
- With less than two months until the new crop harvest, a record-setting 19 percent of the 2019 crop remains to be marketed.
- Unlike more perishable specialty crops that experienced short-term inability to harvest and product destruction, the slow-down in apple shipments represents an accumulating effect on the market because this is a stored product.

- Exports normally comprise one-third of total U.S. apple sales. However, June 3, 2020 USDA data show that April exports declined 29 percent from March to the lowest April export level in a decade. January through April exports are 33 percent below the same period of two years ago.
- The value of the 2019 crop is the lowest in a decade

This document addresses:

1. Price data
2. The lag in domestic shipping volumes
3. The lag in exports
4. The record-setting levels of existing stocks
5. Value of the 2019 apple crop
6. COVID-19 costs yet to be determined

CFAP eligibility criteria

USDA announced that producers of specialty crops are eligible for CFAP payments in the following three categories:

A. Had crops that suffered a 5 percent-or-greater price decline between mid-January and mid-April as a result of the COVID-19 pandemic;

B. Had produce ship but subsequently spoil due to loss of marketing channel; and

C. Had shipments that did not leave the farm or mature crops that remained unharvested.

We will address each criterion in turn.

Had crops that suffered a 5 percent-or-greater price decline between mid-January and mid-April as a result of the COVID-19 pandemic:

USDA's CFAP website states: "Payments for crops that had a 5 percent-or-greater price decline in sales price between January 15, 2020, and April 15, 2020. Producers must maintain records, such as a bill of sale, documenting the price received for the crop."

Comment: With respect to maintaining records "such as a bill of sale, documenting the price received for the crop," no documentation will exist for sales that never occurred. As we will address in greater detail below, growers are currently holding inventory that is 15 percent greater than the previous record for the month of June, 24 percent more than last year at this time and 26 percent greater than the five-year average. The value of those apples has declined dramatically and will continue to do so until they are ultimately sold or destroyed to make room for the new crop harvest beginning in two months.

1. PRICES HAVE DECLINED BY MORE THAN 5 PERCENT

USDA's description for determining the eligibility of growers for direct payments is whether the prices received by growers had declined 5 percent or more during the study period. Yet, officials have acknowledged the Department's analysis did not consider data of prices received by growers. How then could the Department have concluded with any statistical rigor that the prices received by growers had not declined 5 percent?

The incredibly low prices in the January starting point for the study period means that it would be even

more difficult to prove a grower price decline of 5 percent or more. That is, when the starting point is at or below the cost of production, and the cost of packing and shipping the apples exceeds the value of the apples, fundamental economic theory would lead us to anticipate a rise in demand. That basic economic theory did not hold true for apple sales during the January through April timeframe.

As we will demonstrate, the fact is that there was very low shipping volume during the study period. The demand for apples during this timeframe was, and continues to be, strongly inelastic and lower prices do not result in increased sales. COVID impacts in the global marketplace in which U.S. apples compete have fundamentally harmed U.S. growers.

Simply put, there will be no sales data for sales that never occurred. Nonetheless, a huge quantity of apples remains in storage and overhangs the market. Those stocks will likely remain there until the storage space is needed for the new crop harvest beginning in less than two months. This raises the prospect that apples will be destroyed this summer.

The CARES Act makes clear that direct payments are intended for growers, not downstream participants in the marketing chain such as distributors or terminal market operators.

The Department acknowledges it used AMS Market News terminal price data. Those data are collected at 12 terminal markets around the country, including Atlanta, Miami, Dallas, Los Angeles, etc. Those prices would include shipping from the farm, cold storage, washing, sorting, packing, more cold storage, and shipping from, for example, Yakima, Wash. to Atlanta, Ga. (2,518 miles).

The terminal prices would also reflect the unique motivations and market position of every seller. These are not grower prices. As was explained to us by AMS officials on June 3, the AMS terminal prices are offerings by sellers, not actual sales. When a sale does occur, the reported lots are typically as small as one box of apples sold to a convenience store or to a restaurant buyer.

Further, the AMS data show that no quantities per variety and price are listed. It is impossible to calculate a weighted average price without knowing the quantity of apples sold at each price. The AMS Market News report includes price data on some varieties for which the national production is so low that data cannot be gathered specifically for it, and it is reported in the “All other” category. Some of those minor varieties have high prices. Simply adding these prices with all others without stating the quantity will distort the report.

This is the most fundamental component of any statistical analysis. That is, to use extreme examples to make the point, if one bushel of apples is sold at $30.00, and 999 bushels of apples are sold at $20.00 each, the average price of those 1,000 bushels is not $25.00 per bushel.

Prominent apple shippers across the country have confirmed that terminal market purchases make up merely 1 percent to 10 percent of the total U.S. apple market, depending on geography and time of year. Further, 90 percent to 99 percent of U.S. apple sales are sold and shipped by multiple tractor-trailer loads (1,029 boxes each) to supermarket chains such as Kroger, Walmart, Costco, etc. These sales were not included in the Department’s analysis.

By using AMS terminal market data, the Department’s subsequent analysis was fundamentally flawed and lacked substantial foundation, thus the decision to exclude apples from being eligible for relief through CFAP Category 1 had fatal shortcomings.

Once a price impact of 5 percent or greater is determined, it would be a simple matter for growers to document the quantity of apples in their possession and at-risk in the market on January 15 and compensate them on that basis. The CFAP process for grain and oilseed producers states, "Producers will be paid based on inventory subject to price risk held as of January 15, 2020." This is exactly the process we recommended to the Department on April 24 (Appendix 1), more than three weeks before the CFAP announcement. We fail to understand why that same treatment isn't accorded to specialty crop producers, too.

The following price data sets come from actual sales of 43.8 million, 42-pound bushels of apples. This quantity is more than half of all the apples marketed during the study period. These data came from surveys of marketers from the four largest apple producing states – Washington, New York, Michigan and Pennsylvania. Those four states' combined production is approximately 94 percent of the U.S. total.

The first data set comes from weekly reports compiled by the Washington State Tree Fruit Association and reflects approximately 85 percent of Washington apple sales. Washington state apple production comprises about two-thirds of the U.S. total, but an even higher share of total U.S. sales during the study period.

Washington State Tree Fruit Association

Week	42lb Bushels Sold	Avg. Price
1/18/20	2,911,000	$23.70
1/25/20	2,969,000	$23.10
2/1/20	2,860,000	$22.96
2/8/20	2,787,000	$22.42
2/15/20	2,787,000	$22.47
2/22/20	2,829,000	$21.28
2/29/20	2,734,000	$21.73
3/7/20	3,045,000	$22.55
3/14/20	3,111,000	$22.39
3/21/20	3,872,000	$23.13
3/28/20	2,977,000	$23.04
4/4/20	2,103,000	$21.64
4/11/20	2,181,000	$21.97
	37,166,000	**-$1.73**
		Price Decline 7.3%

Marketer 1

Week	42lb Bushels Sold	Avg Price
1/18/20	320,747	$38.89
1/25/20	341,264	$34.39
2/1/20	336,553	$33.44
2/8/20	317,545	$33.43
2/15/20	304,287	$35.26
2/22/20	328,441	$29.92
2/29/20	315,371	$32.22
3/7/20	360,815	$35.21
3/14/20	375,763	$34.44
3/21/20	530,232	$39.98
3/28/20	317,058	$38.71
4/4/20	252,944	$28.68
4/11/20	293,347	$32.71
Grand Total	**4,394,366**	**-$6.18**
		Price Decline 15.9%

Marketer 2

Week	42lb Bushels Sold	Avg Price
1/18/20	25,346	25.50
1/25/20	27,145	24.79
2/1/20	25,418	26.90
2/8/20	26,351	26.19
2/15/20	27,691	25.11
2/22/20	28,128	24.38
2/29/20	29,290	25.62
3/7/20	29,662	24.78
3/14/20	37,418	25.01
3/21/20	43,023	25.10
3/28/20	26,687	24.99
4/4/20	15,571	22.90
4/11/20	25,548	23.59
Total	**367,279**	**-$1.91**
		Price Decline 7.5%

Marketer 3

Week	42lb Bushels Sold	Avg. Price
1/18/20	24,220	$26.41
1/25/20	20,416	$26.26
2/1/20	21,819	$26.09
2/8/20	20,972	$22.89
2/15/20	18,856	$24.45
2/22/20	20,156	$26.71
2/29/20	22,227	$24.66
3/7/20	22,050	$20.93
3/14/20	19,612	$22.13
3/21/20	24,609	$22.53
3/28/20	12,853	$25.27
4/4/20	7,361	$24.76
4/11/20	8,649	$19.83
	243,800	**-$6.58**
		Price Decline 24.9%

Marketer 4

Week	42lb Bushels Sold	Avg Price
18-Jan	19,165	$ 27.43
25-Jan	19,240	$ 26.50
1-Feb	13,431	$ 23.95
8-Feb	14,243	$ 27.21
15-Feb	13,911	$ 28.41
22-Feb	13,464	$ 23.97
29-Feb	14,959	$ 25.68
7-Mar	13,986	$ 24.40
14-Mar	15,774	$ 24.08
21-Mar	25,063	$ 25.96
28-Mar	17,082	$ 23.86
4-Apr	14,162	$ 22.72
11-Apr	9,080	$ 25.21
18-Apr	18,964	$ 21.46
	222,522	**-$5.97**
		Price Decline 21.8%

Marketer 5

Week	42lb Boxes Sold	Avg Price
1/18/20	80,525	$23.05
1/25/20	72,993	$23.56
2/1/20	66,016	$22.20
2/8/20	5,256	$20.10
2/15/20	70,173	$21.14
2/22/20	62,568	$22.26
2/29/20	68,538	$21.83
3/7/20	73,181	$21.55
3/14/20	63,622	$21.48
3/21/20	75,829	$22.47
3/28/20	115,054	$21.49
4/4/20	83,846	$21.39
4/11/20	30,189	$22.09
4/18/20	57,786	$21.00
	925,576	**-$2.05**
	Price Decline -8.9%	

Marketer 6

Week	42lb Bushels Sold	Avg Price
12-Jan	41,649	$20.28
18-Jan	30,373	$19.48
25-Jan	37,286	$19.98
1-Feb	26,656	$18.88
8-Feb	27,211	$19.23
15-Feb	23,035	$17.87
22-Feb	25,261	$17.66
29-Feb	22,227	$18.30
7-Mar	28,220	$18.10
14-Mar	26,210	$18.35
21-Mar	54,356	$18.16
28-Mar	40,558	$18.51
4-Apr	26,217	$19.96
11-Apr	34,183	$19.23
19-Apr	34,195	$18.97
	477,637	**-$1.31**
	Price Decline 6.5%	

Data from NASS

The Department could have used price data from its own National Agricultural Statistics Service (NASS). Historically, NASS price data were based on farmgate surveys. Unfortunately, for reasons that are unclear and were not announced, in February NASS began reporting these data on an FOB basis. This rendered any comparison or trend meaningless.

Additional Data from NASS

According to USDA's May 2020 Noncitrus Fruits and Nuts Report, prices received by apple growers have been falling, having declined 20 percent in two years, and 16 percent in one year.

	2017	2018	2019	2017	2018	2019
		$ per pound			Crop Value $	
	0.407	0.387	0.327	3,108,709	2,638,958	2,427,909

Noncitrus Fruits and Nuts 2019 Summary (May 2020)
USDA, National Agricultural Statistics Service

2. THE LAG IN DOMESTIC SHIPPING VOLUMES

In the roughly 14 weeks of the study period, with the exception of three weeks when domestic consumers were stocking up their pantries for the COVID-19 quarantine, shipments have fallen dramatically. Weekly shipments at the end of the study period were 24 percent lower than at the beginning of the study period. As a result, with less than two months before the 2020 crop harvest, the marketing of the 2019 crop is far behind historical levels. It is virtually impossible to catch up. All inventory is now being sold at a discount that reflects the decline that occurred during the "covered" timeframe.

Thus, 2019 crop apples will remain in inventory to continue depressing prices headed into harvest. All signs are for another excellent crop, and growers will be faced with the prospect of destroying 2019 crop apples to make way for the 2020 crop.

Weekly Shipments - Washington State Apples
(1,000 40# box loads)

Date	Conventional	Organic	All
1/13/20	2,479	386	2,865
1/20/20	2,528	383	2,911
1/27/20	2,582	387	2,969
2/3/20	2,488	372	2,860
2/10/20	2,431	356	2,787
2/18/20	2,431	356	2,787
2/24/20	2,471	358	2,829
3/2/20	2,347	387	2,734
3/9/20	2,601	444	3,045
3/16/20	2,710	401	3,111
3/23/20	3,338	534	3,872
3/30/20	2,550	427	2,977
4/6/20	1,860	243	2,103
4/13/20	1,919	262	2,181

Source: Washington State Tree Fruit Association

3. EXPORTS

Exports normally account for one-third of the U.S. apple crop, equal to approximately $1 billion toward a positive balance of trade. A sharp drop in exports has exerted additional downward pressure on prices during the January to April period.

USDA Global Agricultural Trade System (GATS) data from June 3 show April 2020 apple exports fell 29 percent from March to the lowest April export level in a decade. The April exports were roughly the same as the retaliatory tariff-depressed exports of 2019 (an unfair trade situation that continues to this day).

Exports for the combined months of January through April 2020 were:

- 21 percent below the export level of 10 years ago
- 33 percent below the export level of two years ago
- 9 percent below the previous record low of the last decade

Area/Partners of Destination
And Commodities Exported

January 2010 - April 2020
Values in Thousands of dollars

Partner	Product	Year	January Value	February Value	March Value	April Value	May Value	June Value	July Value	August Value	September Value	October Value	November Value	December Value	Total Value	Period/Period % Change (Value)
1 World Total 1	0808100050 - APPLES FRESH	2011-2011	107,228	82,962	84,812	68,164									343,167	-20
1 World Total 1	0808100050 - APPLES FRESH	2012-2012	84,930	92,515	95,361	79,028									351,835	-17
1 World Total 1	0808100050 - APPLES FRESH	2013-2013	109,626	90,712	99,120	84,942									384,400	-14
1 World Total 1	0808100050 - APPLES FRESH	2014-2014	93,149	90,305	92,095	79,702									355,252	-13
1 World Total 1	0808100050 - APPLES FRESH	2015-2015	99,212	73,945	92,762	82,501									348,420	-11
1 World Total 1	0808100050 - APPLES FRESH	2016-2016	73,833	79,563	76,345	69,452									299,193	-9
1 World Total 1	0808100050 - APPLES FRESH	2017-2017	75,765	79,010	83,068	65,158									303,001	-22
1 World Total 1	0808100050 - APPLES FRESH	2018-2018	107,002	93,180	108,999	94,729									403,910	-13
1 World Total 1	0808100050 - APPLES FRESH	2019-2019	79,149	74,265	81,995	60,872									296,282	-26
1 World Total 1	0808100050 - APPLES FRESH	2020-2020	69,463	69,791	77,421	54,373									271,048	-30

Notes:
1. Data Source: U.S. Census Bureau Trade Data
2. Product Group : BICO-HS10

Year to date exports from Washington state, the principle apple exporting state, are behind 6.6 million, 40-pound equivalents when comparing against a similar crop volume from 2017-18.

4. RECORD-SETTING LEVELS OF EXISTING STOCKS

The U.S. Apple Association publishes a monthly national survey (Appendix 2) of 250 storage locations comprising more than 95 percent of apple storages across the U.S.

As of June 1, 2020, a record-setting 47.9 million bushels of apples remain in storage, a quantity 15 percent higher than the previous record. An incredible 19 percent of the 2019 crop remains to be sold, with 2020 harvest beginning in less than two months. The quantity of stocks is an increase of 24 percent since last year and is 26 percent greater than the five-year average. Even though the 2019 crop was far from the largest on record, coming in as the ninth largest, the June 1 inventory is, by far, the largest on record.

With the 2020 crop harvest set to begin in less than two months, the large inventory is exerting tremendous downward pressure on prices received by growers, and the situation has reached emergency levels.

Additional facts about existing stocks

1. The June 1 inventory represents a whopping 19 percent of the 2019 crop (253 million, 42-pound units)
2. The 19 percent remaining inventory is also a new record for inventory versus crop
3. The two tables below illustrate the June 1 record-breaking inventory and support that external events (COVID-19) have strongly influenced the movement of apples to the marketplace.

June Apple Inventories

Since 1994, the June 2020 fresh apple holdings are 15% higher than the previous record

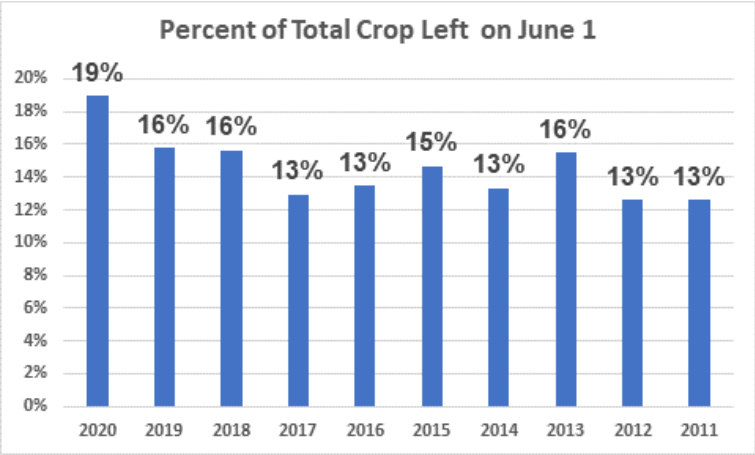
	2020	2019	2018	2017	2016	2015	5 Year Average
Fresh	34,115	27,735	29,670	25,231	22,695	29,682	27,003
		23.0%	15.0%	35.2%	50.3%	14.9%	26.3%
Processing	13,826	10,802	13,316	10,172	9,486	11,581	11,071
		28.0%	3.8%	35.9%	45.8%	19.4%	24.9%
Total Holdings	47,941	38,538	42,986	35,404	32,182	41,263	38,075
		24.4%	11.5%	35.4%	49.0%	16.2%	25.9%

	2015	2014	2013	2012	2011	2010	5 Year Average
Fresh	29,682	23,465	24,837	19,438	19,992	22,096	21,966
		26.50%	19.50%	52.70%	48.50%	34.30%	35.10%
Processing	11,581	9,619	8,387	8,845	7,932	9,505	8,858
		20.40%	38.10%	30.90%	46.00%	21.80%	30.70%
Total Holdings	41,263	33,084	33,225	28,284	27,925	31,602	30,824
		24.70%	24.20%	45.90%	47.80%	30.60%	33.90%

	2009	2008	2007	2006	2005	2004	5 Year Average
Fresh	24,194	15,705	16,728	17,385	22,621	14,110	17,310
		54.1%	44.6%	39.2%	7.0%	71.5%	39.8%
Processing	9,884	6,555	8,251	8,829	10,729	6,909	8,255
		50.8%	19.8%	11.9%	-7.9%	43.1%	19.7%
Total Holdings	34,078	22,261	24,980	26,215	33,350	21,020	25,565
		53.1%	36.4%	30.0%	2.2%	62.1%	33.3%

Source: USApple Market News, June 2020

Total crop versus the remaining inventory on June 1



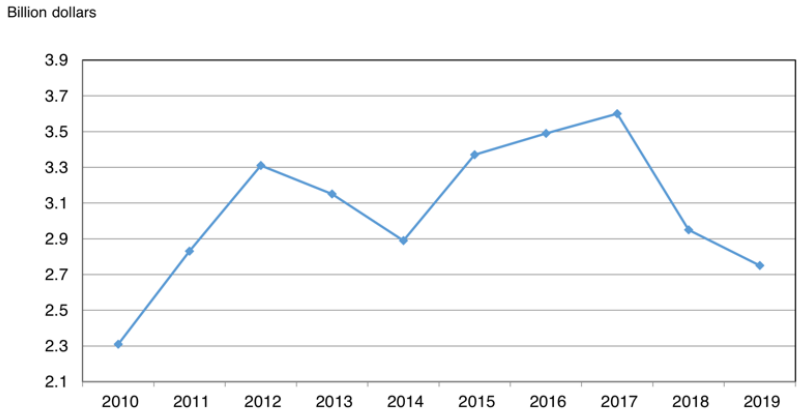
Sources: Crop size – USDA
Inventory data - USApple Market News

5. Value of the 2019 U.S. Apple Crop

The value of U.S. apple production in 2019 was the lowest since 2010, having declined $681 million in two years, and $211 million since last year.

The combination of the slow pace of domestic sales, the lowest export levels in 10 years for the current month, and record-setting inventories have exerted downward pressure on prices received by growers, sufficient to reduce the value of the 2019 crop to lowest level in 10 years.

Apple, Commerical Value of Utilized Production
United States: 2010-2019



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Noncitrus Fruits and Nuts 2019 Summary (May 2020)
USDA, National Agricultural Statistics Service

6. COVID-19 Costs Yet to be Determined

Although we can predict with certainty that record inventories will continue to depress already low prices, we can only speculate about the ultimate impact on net returns contributed by the additional costs of adopting COVID-19 best practices. Like other segments of agriculture, apple growers are price takers, not price makers. Thus, COVID-19 costs incurred by downstream market participants get passed back to the grower in the form of lower prices.

During the study period, apple packer/shippers began implementing social distancing and other measures to address COVID-19, reducing productivity by as much as 50 percent. Industry estimates on the additional costs of those practices have already exceeded $1 per bushel. At current prices, that alone impacts growers by more than 5 percent.

Going forward, social distancing of harvest workers, housing and transportation and other COVID-19 best practices will reduce efficiencies and increase the growers' largest cost by approximately 50 percent.

B. Payments for crop shipments that left the farm by April 15, 2020, and spoiled due to no market.

USDA has set aside $144,549,000 under this CARES ACT category of assistance for U.S. apple growers. As currently structured, state Farm Service Agency offices have informed us that apple growers will not qualify to receive assistance under Category 2.

C. Payments for crop shipments that did not leave the farm by April 15, 2020, (for example, were harvested but sitting in crates on the farm), or mature crops that were unharvested by that date (for example, were plowed under) due to lack of buyers, and which have not been and will not be sold.

USDA has set aside $29,165,000 under this CCC category of assistance for U.S. apple growers. Not surprisingly, as currently structured, state Farm Service Agency offices have informed us that apple growers will not qualify to receive assistance under Category 3.

CLOSING

We wish to note that we are also in full agreement with the comments that have been submitted by Chelan Fresh Marketing and its affiliated packing houses handling the fruit of more than 400 growers, the comments of the Northwest Horticultural Council, and the comments of Blue Star Growers.

Thank you for the opportunity to prove the case that apple growers are deserving of the direct financial support intended by Congress, and the data we presented here meet USDA's criteria for doing so. If we can answer questions, please allow us the opportunity to do so.

Sincerely,
U.S. Apple Association
California Apple Commission
Michigan Apple Committee
Midwest Apple Improvement Association
New England Apple Association
New York Apple Association
North Carolina Apple Growers Association
Northwest Horticultural Council
Pennsylvania Apple Program
Washington Apple Commission
Washington State Tree Fruit Association
Wisconsin Apple Growers Association

Appendix 1

April 24, 2020

The Honorable Sonny Perdue
Secretary of Agriculture

Dear Secretary Perdue,

As organizations representing apple, pear and sweet cherry growers we wrote you on April 10, 2020 and provided detailed information about the unique production cycle and standard business practices of the tree fruit industry. We request that this information and our unique circumstances be taken into account when developing a program to provide direct payments to specialty crop growers under the CARES Act.

We are seeking to quantify at an industry level the losses for the 2020 marketing year. Current estimates suggest $180 million for apples, $50 million for pears and $100 million for cherries. Projecting future losses is challenging and our estimates are an attempt to assist you and your team in what is recognized as a difficult process.

Our growers are experiencing the same substantial downturns as the rest of agriculture. However, there are additional significant and unique complexities in quantifying losses due to crop storage periods, pooling arrangements and accounting, pack-outs, and grower return calculations. Because of these complexities and the short time frame being faced, we have developed the following framework that is designed to be reasonable, understandable, and less complex by using aggregate industry pricing data for apples and pears.

These recommendations are based on dividing the direct payment program into two claim periods - January 1 to April 15, 2020, and April 16, 2020 through the next two quarters, consistent with the details contained in news media accounts that we have seen. This framework, can be used by growers of all sizes to calculate price losses, ensuring a consistent approach without adding unnecessary complexity.

Tree fruit is stored in bins in controlled atmosphere and then packed into cartons for shipment as retail orders are placed. To simplify the process and get the best results, we suggest that growers:

First Part Claim

1. Determine and list the number of unpacked bins on January 1, 2020 and April 16, 2020.

2. Obtain the average price loss information from state grower associations or best comparable source for the period of January 1 to April 15, 2020.

3. For losses of 5% or greater, multiply the price loss amount per bin times the number of unpacked bins.

4. Multiply this figure by 85% for the first payment.

Second Part Claim

1. For "expected" additional Price Losses (5% and greater in total) from April 15, 2020 through the next two quarters, multiply that expected Price Loss per bin times the number of unpacked bins on April 16, 2020.

2. Multiply the outcome of the above times 30% for the second payment.

In addition to these documented price losses, our industry is also experiencing decreased productivity and new costs as we incorporate the recommendations of best practices such as social distancing of our employees in the field, packing facility and worker housing. Protective measures in packinghouses have – in addition to direct materials costs for sanitizer, etc. - decreased productivity and capacity by an estimated 15 to 20 percent, increasing the per-box costs but not the sales price.

Apple packers have identified a $1.00 per box increased labor cost. This estimate is likely conservative as it does not include costs incurred to increase social distancing in worker housing, suspended operations for deep cleaning activities in housing and packinghouses, or a plant that has increased workforce absenteeism. Workforce demands in the orchard are just beginning but will also likely entail similar protective cost increases in the orchard due to longer and less productive days to accommodate social distancing. In California, the cherry industry estimates it will spend an additional $10 million dollars on masks alone, equating to $1.50 to $2.00 per box of fruit.

Tree fruit growers are very large users of the H2A guestworker program. It is easily conceivable that a May through August slowdown or shut down at the border would result in millions of dollars in tree fruit left unharvested. Of course, right now, we have no way of calculating that impact.

We strongly encourage you to include these increased costs and potential crop losses due to labor shortages as qualifying loses. Because many of these losses will not be known until the summer and fall we also urge you to extend the direct payment program through a minimum of six months as is the case with the food purchases.

We thank you and your team for your hard work during difficult times. If we can provide additional information, please allow us the opportunity to do so.

Sincerely,

California Apple Commission
California Cherry Board
California Pear Advisory Board
Michigan Apple Committee
New York Apple Association
Northwest Horticultural Council
U.S. Apple Association
Washington Apple Commission
Washington State Fruit Commission
Washington State Tree Fruit Association

Appendix 2

USApple

JUNE. 2020. VOL 26. ISSUE 08. USAPPLE.ORG

MarketNews

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June 1 U.S. Holdings

Key Numbers

UP 23% YOY

34.1 Million Fresh-Market Holdings

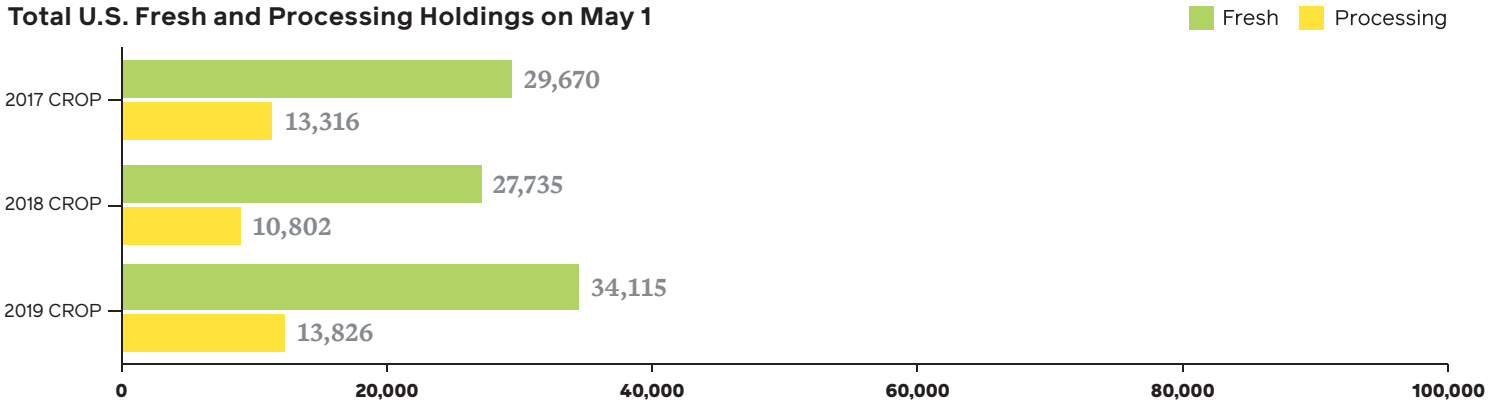
U.S. fresh-market apple holdings of 34.1 million bushels on June 1, 2020, are 23 percent greater than the June 1, 2019 holdings of 27.7 million bushels, and 26 percent greater than the five-year average of 27.0 million bushels.

UP 28% YOY

13.8 Million Processing Apple Holdings

Total processing apple holdings as of June 1, 2020, were 13.8 million bushels, 28 percent greater than those on June 1, 2019, and 25 percent greater than the five-year average for that date.

Total U.S. Fresh and Processing Holdings on May 1



42-lb Units (Thousand)

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AgroFresh

Market News is sponsored by Agrofresh. AgroFresh is a fast-moving, dynamic company dedicated to delivering integrated solutions for more freshness and quality, every step of the way from field to market. Collaborating closely with our customers, we continually research and develop unparalleled solutions that benefit the entire supply chain, and improve the quality of life for all.

Apple Holdings by Variety and Area (42-lb Units)

TOTAL JUNE 1, 2020

STATE	TOTAL VARIETIES	AMBROSIA	BRAEBURN	CORTLAND	COSMIC CRISP	EMPIRE	FUJI	GALA	GOLDEN DELICIOUS
Connecticut	5,867	0	0	713	0	285	600	119	739
(CA)	(3,300)	0	0	0	0	0	(600)	0	(620)
Maine	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
Maryland	26,331	0	0	25	0	669	475	1,426	0
(CA)	(23,087)	0	0	0	0	(119)	(475)	(1,426)	0
Massachusetts	21,979	0	475	713	0	0	0	0	0
(CA)	(14,613)	0	(475)	0	0	0	0	0	0
New Hampshire	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
New York	3,021,429	12,506	2,775	47,338	0	122,200	28,636	57,476	437,716
(CA)	(2,527,518)	(12,506)	(2,775)	(36,049)	0	(92,976)	(21,284)	(40,771)	(427,199)
Pennsylvania	1,220,945	0	499	446	0	1,090	110,128	48,487	314,602
(CA)	(892,012)	0	(499)	(190)	0	(851)	(88,151)	(41,349)	(278,041)
TOTAL N.EAST	**4,296,551**	**12,506**	**3,749**	**49,235**	**0**	**124,244**	**139,839**	**107,508**	**753,057**
(CA)	**(3,460,530)**	**(12,506)**	**(3,749)**	**(36,239)**	**0**	**(93,946)**	**(110,510)**	**(83,546)**	**(705,860)**
North Carolina	88,399	0	0	0	0	3,446	1,544	6,416	17,347
(CA)	(33,031)	0	0	0	0	(3,446)	(1,544)	(6,416)	(713)
Virginia	917,907	0	102	4,275	0	1,147	9,325	18,790	185,845
(CA)	(550,419)	0	(102)	(3,708)	0	(1,147)	(4,490)	(10,292)	(116,523)
West Virginia	103,359	0	0	951	0	1,426	1,902	6,360	18,049
(CA)	(61,920)	0	0	(951)	0	0	(951)	(6,360)	(6,178)
TOTAL S.EAST	**1,109,665**	**0**	**102**	**5,226**	**0**	**6,019**	**12,771**	**31,566**	**221,241**
(CA)	**(645,370)**	**0**	**(102)**	**(4,659)**	**0**	**(4,593)**	**(6,985)**	**(23,068)**	**(123,414)**
Indiana	11,644	0	0	0	0	0	0	4,753	0
(CA)	(4,040)	0	0	0	0	0	0	(4,040)	0
Michigan	1,379,000	0	0	0	0	22,000	46,000	192,000	91,000
(CA)	(1,379,000)	0	0	0	0	(22,000)	(46,000)	(192,000)	(91,000)
Ohio	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
TOTAL M.WEST	**1,390,644**	**0**	**0**	**0**	**0**	**22,000**	**46,000**	**196,753**	**91,000**
(CA)	**(1,383,040)**	**0**	**0**	**0**	**0**	**(22,000)**	**(46,000)**	**(196,040)**	**(91,000)**
California	58,553	0	0	0	0	2,947	1,663	0	30,655
(CA)	(43,582)	0	0	0	0	(2,947)	(1,663)	0	(30,655)
Utah	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
TOTAL S.WEST	**58,553**	**0**	**0**	**0**	**0**	**2,947**	**1,663**	**0**	**30,655**
(CA)	**(43,582)**	**0**	**0**	**0**	**0**	**(2,947)**	**(1,663)**	**0**	**(30,655)**
Idaho	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
Oregon	241,975	0	0	0	0	0	30,647	65,427	64
(CA)	(240,925)	0	0	0	0	0	(30,647)	(65,427)	(64)
Washington	40,842,857	617,143	68,572	0	0	0	5,611,429	7,559,047	3,639,047
(CA)	(33,380,452)	(370,286)	(33,338)	0	0	0	(4,263,377)	(6,844,351)	(2,799,242)
TOTAL N.WEST	**41,084,832**	**617,143**	**68,572**	**0**	**0**	**0**	**5,642,076**	**7,624,474**	**3,639,111**
(CA)	**(33,621,377)**	**(370,286)**	**(33,338)**	**0**	**0**	**0**	**(4,294,024)**	**(6,909,778)**	**(2,799,306)**
TOTAL NE/SE/MW/SW	**6,855,413**	**12,506**	**3,851**	**54,461**	**0**	**155,210**	**200,273**	**335,827**	**1,095,953**
(CA)	**(5,532,522)**	**(12,506)**	**(3,851)**	**(40,898)**	**0**	**(123,486)**	**(165,158)**	**(302,654)**	**(950,929)**
TOTAL U.S. 2020	**47,940,245**	**629,649**	**72,423**	**54,461**	**0**	**155,210**	**5,842,349**	**7,960,301**	**4,735,064**
(CA)	**(39,153,899)**	**(382,792)**	**(37,189)**	**(40,898)**	**0**	**(123,486)**	**(4,459,182)**	**(7,212,432)**	**(3,750,235)**
TOTAL U.S. 2019	**38,537,484**	**392,380**	**52,540**	**49,601**	**0**	**201,344**	**4,194,411**	**6,268,513**	**2,393,213**
(CA)	**(31,934,025)**	**(235,428)**	**(27,207)**	**(33,993)**	**0**	**(164,437)**	**(3,208,806)**	**(5,658,841)**	**(1,948,609)**
TOTAL U.S. 2018	**42,986,130**	**0**	**28,441**	**40,098**	**0**	**1,360,907**	**5,486,887**	**5,899,588**	**5,681,219**
(CA)	**(36,632,989)**	**0**	**(23,334)**	**(26,470)**	**0**	**(904,347)**	**(4,489,865)**	**(4,852,572)**	**(4,775,770)**

Figures in () represent controlled atmosphere holdings which are represented in totals.

Apple Holdings by Variety and Area (42-lb Units)

TOTAL JUNE 1, 2020

STATE	TOTAL VARIETIES	GRANNY SMITH	HONEY-CRISP	IDARED	JONATHAN	MCINTOSH	MUTSU/ CRISPIN	NEWTOWN PIPPIN	CRIPPS PINK/PINK LADY
Connecticut	5,867	0	0	71	0	2,551	0	0	119
(CA)	(3,300)	0	0	0	0	(1,600)	0	0	0
Maine	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
Maryland	26,331	0	0	0	238	738	0	0	1,663
(CA)	(23,087)	0	0	0	(238)	(713)	0	0	(1,663)
Massachusetts	21,979	0	475	0	1,188	18,178	0	0	475
(CA)	(14,613)	0	(475)	0	(1,188)	(12,000)	0	0	(475)
New Hampshire	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
New York	3,021,429	49,463	38,640	751,906	603	190,835	151,002	0	2,763
(CA)	(2,527,518)	(39,885)	(12,961)	(606,475)	(603)	(111,245)	(139,904)	0	(2,373)
Pennsylvania	1,220,945	36,495	50,264	375	2,433	4,803	96	380	8,192
(CA)	(892,012)	(35,375)	(50,110)	0	(2,020)	(262)	0	(380)	(948)
TOTAL N.EAST	**4,296,551**	**85,958**	**89,379**	**752,352**	**4,462**	**217,105**	**151,098**	**380**	**13,212**
(CA)	**(3,460,530)**	**(75,260)**	**(63,546)**	**(606,475)**	**(4,049)**	**(125,820)**	**(139,904)**	**(380)**	**(5,459)**
North Carolina	88,399	0	0	0	0	475	0	4,753	6,892
(CA)	(33,031)	0	0	0	0	(475)	0	(4,753)	(6,892)
Virginia	917,907	8,987	2,432	56,959	29	6,843	3,012	1,544	34,677
(CA)	(550,419)	(2,092)	(2,020)	(51,041)	0	(6,827)	(2,890)	(1,544)	(25,708)
West Virginia	103,359	0	5,172	7,787	0	0	0	0	13,405
(CA)	(61,920)	0	(5,172)	0	0	0	0	0	(13,405)
TOTAL S.EAST	**1,109,665**	**8,987**	**7,604**	**64,746**	**29**	**7,318**	**3,012**	**6,297**	**54,974**
(CA)	**(645,370)**	**(2,092)**	**(7,192)**	**(51,041)**	**0**	**(7,302)**	**(2,890)**	**(6,297)**	**(46,005)**
Indiana	11,644	475	0	0	0	0	0	0	0
(CA)	(4,040)	0	0	0	0	0	0	0	0
Michigan	1,379,000	0	0	154,000	73,000	55,000	0	0	0
(CA)	(1,379,000)	0	0	(154,000)	(73,000)	(55,000)	0	0	0
Ohio	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
TOTAL M.WEST	**1,390,644**	**475**	**0**	**154,000**	**73,000**	**55,000**	**0**	**0**	**0**
(CA)	**(1,383,040)**	**0**	**0**	**(154,000)**	**(73,000)**	**(55,000)**	**0**	**0**	**0**
California	58,553	0	0	0	0	0	0	23,288	0
(CA)	(43,582)	0	0	0	0	0	0	(8,317)	0
Utah	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
TOTAL S.WEST	**58,553**	**0**	**0**	**0**	**0**	**0**	**0**	**23,288**	**0**
(CA)	**(43,582)**	**0**	**0**	**0**	**0**	**0**	**0**	**(8,317)**	**0**
Idaho	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
Oregon	241,975	49,040	0	0	0	0	0	0	6,292
(CA)	(240,925)	(47,990)	0	0	0	0	0	0	(6,292)
Washington	40,842,857	6,609,524	3,372,381	0	0	0	0	0	2,065,715
(CA)	(33,380,452)	(5,370,760)	(2,725,314)	0	0	0	0	0	(1,079,939)
TOTAL N.WEST	**41,084,832**	**6,658,564**	**3,372,381**	**0**	**0**	**0**	**0**	**0**	**2,072,007**
(CA)	**(33,621,377)**	**(5,418,750)**	**(2,725,314)**	**0**	**0**	**0**	**0**	**0**	**(1,086,231)**
TOTAL NE/SE/MW/SW	**6,855,413**	**95,420**	**96,983**	**971,098**	**77,491**	**279,423**	**154,110**	**29,965**	**68,186**
(CA)	**(5,532,522)**	**(77,352)**	**(70,738)**	**(811,516)**	**(77,049)**	**(188,122)**	**(142,794)**	**(14,994)**	**(51,464)**
TOTAL U.S. 2020	**47,940,245**	**6,753,984**	**3,469,364**	**971,098**	**77,491**	**279,423**	**154,110**	**29,965**	**2,140,193**
(CA)	**(39,153,899)**	**(5,496,102)**	**(2,796,052)**	**(811,516)**	**(77,049)**	**(188,122)**	**(142,794)**	**(14,994)**	**(1,137,695)**
TOTAL U.S. 2019	**38,537,484**	**4,727,849**	**3,232,721**	**369,558**	**154,427**	**383,158**	**235,081**	**25,213**	**1,937,155**
(CA)	**(31,934,025)**	**(3,869,505)**	**(2,616,662)**	**(348,111)**	**(153,434)**	**(315,367)**	**(230,520)**	**(14,129)**	**(1,045,935)**
TOTAL U.S. 2018	**42,986,130**	**6,531,603**	**1,570,041**	**795,386**	**76,178**	**260,229**	**262,334**	**0**	**2,973,637**
(CA)	**(36,632,989)**	**(5,471,458)**	**(1,304,203)**	**(734,641)**	**(59,540)**	**(240,504)**	**(259,396)**	**0**	**(2,415,237)**

Figures in () represent controlled atmosphere holdings which are represented in totals.

Apple Holdings by Variety and Area (42-lb Units)

TOTAL JUNE 1, 2020

STATE	TOTAL VARIETIES	RED DELICIOUS	ROME	ROME SPORT	SPARTAN	STAYMAN	YORK	OTHERS
Connecticut	5,867	419	0	0	0	71	0	180
(CA)	(3,300)	(300)	0	0	0	0	0	(180)
Maine	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0
Maryland	26,331	44	6,212	0	2,461	0	0	12,380
(CA)	(23,087)	(44)	(3,588)	0	(2,461)	0	0	(12,360)
Massachusetts	21,979	475	0	0	0	0	0	0
(CA)	(14,613)	0	0	0	0	0	0	0
New Hampshire	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0
New York	3,021,429	142,738	649,242	10,709	3,185	475	10,310	310,911
(CA)	(2,527,518)	(117,206)	(579,343)	(10,709)	(832)	0	(10,310)	(262,112)
Pennsylvania	1,220,945	159,549	109,239	1,662	333	770	319,763	51,339
(CA)	(892,012)	(92,851)	(53,930)	0	(333)	(190)	(244,852)	(1,680)
TOTAL N.EAST	**4,296,551**	**303,225**	**764,693**	**12,371**	**5,979**	**1,316**	**330,073**	**374,810**
(CA)	**(3,460,530)**	**(210,401)**	**(636,861)**	**(10,709)**	**(3,626)**	**(190)**	**(255,162)**	**(276,332)**
North Carolina	88,399	2,376	38,021	0	3,564	0	2,852	713
(CA)	(33,031)	(2,376)	0	0	(3,564)	0	(2,852)	0
Virginia	917,907	124,065	154,735	0	585	19,723	240,510	44,322
(CA)	(550,419)	(53,459)	(102,748)	0	(585)	(18,396)	(126,138)	(20,709)
West Virginia	103,359	18,780	1,421	1,188	0	8,177	18,741	0
(CA)	(61,920)	(18,235)	0	(1,188)	0	(6,989)	(2,491)	0
TOTAL S.EAST	**1,109,665**	**145,221**	**194,177**	**1,188**	**4,149**	**27,900**	**262,103**	**45,035**
(CA)	**(645,370)**	**(74,070)**	**(102,748)**	**(1,188)**	**(4,149)**	**(25,385)**	**(131,481)**	**(20,709)**
Indiana	11,644	3,802	2,139	0	0	475	0	0
(CA)	(4,040)	0	0	0	0	0	0	0
Michigan	1,379,000	237,000	424,000	0	0	0	0	85,000
(CA)	(1,379,000)	(237,000)	(424,000)	0	0	0	0	(85,000)
Ohio	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0
TOTAL M.WEST	**1,390,644**	**240,802**	**426,139**	**0**	**0**	**475**	**0**	**85,000**
(CA)	**(1,383,040)**	**(237,000)**	**(424,000)**	**0**	**0**	**0**	**0**	**(85,000)**
California	58,553	0	0	0	0	0	0	0
(CA)	(43,582)	0	0	0	0	0	0	0
Utah	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0
TOTAL S.WEST	**58,553**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
(CA)	**(43,582)**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Idaho	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0
Oregon	241,975	90,505	0	0	0	0	0	0
(CA)	(240,925)	(90,505)	0	0	0	0	0	0
Washington	40,842,857	9,658,095	0	0	0	0	0	1,641,904
(CA)	(33,380,452)	(8,575,819)	0	0	0	0	0	(1,318,026)
TOTAL N.WEST	**41,084,832**	**9,748,600**	**0**	**0**	**0**	**0**	**0**	**1,641,904**
(CA)	**(33,621,377)**	**(8,666,324)**	**0**	**0**	**0**	**0**	**0**	**(1,318,026)**
TOTAL NE/SE/MW/SW	**6,855,413**	**689,248**	**1,385,009**	**13,559**	**10,128**	**29,691**	**592,176**	**504,845**
(CA)	**(5,532,522)**	**(521,471)**	**(1,163,609)**	**(11,897)**	**(7,775)**	**(25,575)**	**(386,643)**	**(382,041)**
TOTAL U.S. 2020	**47,940,245**	**10,437,848**	**1,385,009**	**13,559**	**10,128**	**29,691**	**592,176**	**2,146,749**
(CA)	**(39,153,899)**	**(9,187,795)**	**(1,163,609)**	**(11,897)**	**(7,775)**	**(25,575)**	**(386,643)**	**(1,700,067)**
TOTAL U.S. 2019	**38,537,484**	**10,872,379**	**849,916**	**731,274**	**93,325**	**25,305**	**367,097**	**981,024**
(CA)	**(31,934,025)**	**(9,617,340)**	**(721,420)**	**(592,109)**	**(91,408)**	**(17,614)**	**(264,297)**	**(758,853)**
TOTAL U.S. 2018	**42,986,130**	**8,583,438**	**1,299,246**	**323,224**	**39,258**	**5,657**	**1,077,250**	**691,509**
(CA)	**(36,632,989)**	**(8,287,094)**	**(1,117,235)**	**(322,666)**	**(38,899)**	**(1,021)**	**(859,435)**	**(449,302)**

Figures in () represent controlled atmosphere holdings which are represented in totals.

Fresh Apple Holdings By Variety and Area (42-lb Units)

TOTAL JUNE 1, 2020

STATE	TOTAL VARIETIES	AMBROSIA	BRAEBURN	CORTLAND	COSMIC CRISP	EMPIRE	FUJI	GALA	GOLDEN DELICIOUS
Connecticut	5,867	0	0	713	0	285	600	119	739
(CA)	(3,300)	0	0	0	0	0	(600)	0	(620)
Maine	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
Maryland	26,331	0	0	25	0	669	475	1,426	0
(CA)	(23,087)	0	0	0	0	(119)	(475)	(1,426)	0
Massachusetts	21,979	0	475	713	0	0	0	0	0
(CA)	(14,613)	0	(475)	0	0	0	0	0	0
New Hampshire	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
New York	874,399	0	1,450	25,329	0	121,890	26,097	52,552	6,647
(CA)	(664,505)	0	(1,450)	(14,040)	0	(92,666)	(20,467)	(37,860)	(6,005)
Pennsylvania	335,771	0	499	309	0	851	93,921	45,899	74,730
(CA)	(296,115)	0	(499)	(190)	0	(851)	(88,151)	(39,543)	(72,242)
TOTAL N.EAST	**1,264,347**	**0**	**2,424**	**27,089**	**0**	**123,695**	**121,093**	**99,996**	**82,116**
(CA)	**(1,001,620)**	**0**	**(2,424)**	**(14,230)**	**0**	**(93,636)**	**(109,693)**	**(78,829)**	**(78,867)**
North Carolina	26,971	0	0	0	0	2,614	1,188	5,941	475
(CA)	(26,258)	0	0	0	0	(2,614)	(1,188)	(5,941)	(475)
Virginia	93,548	0	0	0	0	745	5,777	6,121	18,158
(CA)	(47,512)	0	0	0	0	(745)	(3,332)	(3,964)	(8,985)
West Virginia	27,329	0	0	951	0	1,426	1,902	0	6,178
(CA)	(23,526)	0	0	(951)	0	0	(951)	0	(6,178)
TOTAL S.EAST	**147,848**	**0**	**0**	**951**	**0**	**4,785**	**8,867**	**12,062**	**24,811**
(CA)	**(97,296)**	**0**	**0**	**(951)**	**0**	**(3,359)**	**(5,471)**	**(9,905)**	**(15,638)**
Indiana	6,891	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
Michigan	378,000	0	0	0	0	3,000	19,000	171,000	12,000
(CA)	(378,000)	0	0	0	0	(3,000)	(19,000)	(171,000)	(12,000)
Ohio	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
TOTAL M.WEST	**384,891**	**0**	**0**	**0**	**0**	**3,000**	**19,000**	**171,000**	**12,000**
(CA)	**(378,000)**	**0**	**0**	**0**	**0**	**(3,000)**	**(19,000)**	**(171,000)**	**(12,000)**
California	26,473	0	0	0	0	333	0	0	21,387
(CA)	(26,473)	0	0	0	0	(333)	0	0	(21,387)
Utah	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
TOTAL S.WEST	**26,473**	**0**	**0**	**0**	**0**	**333**	**0**	**0**	**21,387**
(CA)	**(26,473)**	**0**	**0**	**0**	**0**	**(333)**	**0**	**0**	**(21,387)**
Idaho	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
Oregon	205,232	0	0	0	0	0	25,402	55,993	64
(CA)	(205,232)	0	0	0	0	0	(25,402)	(55,993)	(64)
Washington	32,085,714	530,476	57,143	0	0	0	4,497,143	6,328,571	2,668,571
(CA)	(26,190,626)	(318,286)	(27,390)	0	0	0	(3,376,200)	(5,739,330)	(2,024,153)
TOTAL N.WEST	**32,290,946**	**530,476**	**57,143**	**0**	**0**	**0**	**4,522,545**	**6,384,564**	**2,668,635**
(CA)	**(26,395,858)**	**(318,286)**	**(27,390)**	**0**	**0**	**0**	**(3,401,602)**	**(5,795,323)**	**(2,024,217)**
TOTAL NE/SE/MW/SW	**1,823,559**	**0**	**2,424**	**28,040**	**0**	**131,813**	**148,960**	**283,058**	**140,314**
(CA)	**(1,503,389)**	**0**	**(2,424)**	**(15,181)**	**0**	**(100,328)**	**(134,164)**	**(259,734)**	**(127,892)**
TOTAL U.S. 2020	**34,114,505**	**530,476**	**59,567**	**28,040**	**0**	**131,813**	**4,671,505**	**6,667,622**	**2,808,949**
(CA)	**(27,899,247)**	**(318,286)**	**(29,814)**	**(15,181)**	**0**	**(100,328)**	**(3,535,766)**	**(6,055,057)**	**(2,152,109)**
TOTAL U.S. 2019	**27,735,293**	**320,952**	**40,563**	**36,065**	**0**	**158,848**	**3,332,161**	**5,221,514**	**1,041,525**
(CA)	**(22,937,106)**	**(192,571)**	**(20,711)**	**(25,171)**	**0**	**(124,282)**	**(2,519,877)**	**(4,724,794)**	**(792,138)**
TOTAL U.S. 2018	**29,669,764**	**0**	**14,307**	**28,330**	**0**	**1,058,225**	**4,092,064**	**4,489,718**	**3,641,826**
(CA)	**(24,960,229)**	**0**	**(11,429)**	**(26,015)**	**0**	**(676,467)**	**(3,270,861)**	**(3,711,662)**	**(2,922,822)**

Figures in () represent controlled atmosphere holdings which are represented in totals.

Fresh Apple Holdings By Variety and Area (42-lb Units)

TOTAL JUNE 1, 2020

STATE	TOTAL VARIETIES	GRANNY SMITH	HONEY-CRISP	IDARED	JONATHAN	MCINTOSH	MUTSU/ CRISPIN	NEWTOWN PIPPIN	CRIPPS PINK/PINK LADY
Connecticut	5,867	0	0	71	0	2,551	0	0	119
(CA)	(3,300)	0	0	0	0	(1,600)	0	0	0
Maine	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
Maryland	26,331	0	0	0	238	738	0	0	1,663
(CA)	(23,087)	0	0	0	(238)	(713)	0	0	(1,663)
Massachusetts	21,979	0	475	0	1,188	18,178	0	0	475
(CA)	(14,613)	0	(475)	0	(1,188)	(12,000)	0	0	(475)
New Hampshire	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
New York	874,399	21,551	15,848	49,082	95	180,493	19,472	0	2,763
(CA)	(664,505)	(20,791)	(5,401)	(49,060)	(95)	(104,310)	(19,424)	0	(2,373)
Pennsylvania	335,771	89	50,110	0	2,258	4,235	0	380	996
(CA)	(296,115)	(89)	(50,110)	0	(2,020)	(262)	0	(380)	(948)
TOTAL N.EAST	**1,264,347**	**21,640**	**66,433**	**49,153**	**3,779**	**206,195**	**19,472**	**380**	**6,016**
(CA)	**(1,001,620)**	**(20,880)**	**(55,986)**	**(49,060)**	**(3,541)**	**(118,885)**	**(19,424)**	**(380)**	**(5,459)**
North Carolina	26,971	0	0	0	0	356	0	3,802	4,753
(CA)	(26,258)	0	0	0	0	(356)	0	(3,802)	(4,753)
Virginia	93,548	4,456	412	19	29	16	122	1,278	21,820
(CA)	(47,512)	(1,452)	0	0	0	0	0	(1,278)	(21,780)
West Virginia	27,329	0	0	0	0	0	0	0	0
(CA)	(23,526)	0	0	0	0	0	0	0	0
TOTAL S.EAST	**147,848**	**4,456**	**412**	**19**	**29**	**372**	**122**	**5,080**	**26,573**
(CA)	**(97,296)**	**(1,452)**	**0**	**0**	**0**	**(356)**	**0**	**(5,080)**	**(26,533)**
Indiana	6,891	475	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
Michigan	378,000	0	0	19,000	4,000	0	0	0	0
(CA)	(378,000)	0	0	(19,000)	(4,000)	0	0	0	0
Ohio	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
TOTAL M.WEST	**384,891**	**475**	**0**	**19,000**	**4,000**	**0**	**0**	**0**	**0**
(CA)	**(378,000)**	**0**	**0**	**(19,000)**	**(4,000)**	**0**	**0**	**0**	**0**
California	26,473	0	0	0	0	0	0	4,753	0
(CA)	(26,473)	0	0	0	0	0	0	(4,753)	0
Utah	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
TOTAL S.WEST	**26,473**	**0**	**0**	**0**	**0**	**0**	**0**	**4,753**	**0**
(CA)	**(26,473)**	**0**	**0**	**0**	**0**	**0**	**0**	**(4,753)**	**0**
Idaho	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0
Oregon	205,232	39,916	0	0	0	0	0	0	6,292
(CA)	(205,232)	(39,916)	0	0	0	0	0	0	(6,292)
Washington	32,085,714	5,141,905	2,022,857	0	0	0	0	0	1,710,477
(CA)	(26,190,626)	(4,231,144)	(1,588,704)	0	0	0	0	0	(863,550)
TOTAL N.WEST	**32,290,946**	**5,181,821**	**2,022,857**	**0**	**0**	**0**	**0**	**0**	**1,716,769**
(CA)	**(26,395,858)**	**(4,271,060)**	**(1,588,704)**	**0**	**0**	**0**	**0**	**0**	**(869,842)**
TOTAL NE/SE/MW/SW	**1,823,559**	**26,571**	**66,845**	**68,172**	**7,808**	**206,567**	**19,594**	**10,213**	**32,589**
(CA)	**(1,503,389)**	**(22,332)**	**(55,986)**	**(68,060)**	**(7,541)**	**(119,241)**	**(19,424)**	**(10,213)**	**(31,992)**
TOTAL U.S. 2020	**34,114,505**	**5,208,392**	**2,089,702**	**68,172**	**7,808**	**206,567**	**19,594**	**10,213**	**1,749,358**
(CA)	**(27,899,247)**	**(4,293,392)**	**(1,644,690)**	**(68,060)**	**(7,541)**	**(119,241)**	**(19,424)**	**(10,213)**	**(901,834)**
TOTAL U.S. 2019	**27,735,293**	**3,729,619**	**1,856,455**	**9,138**	**32,020**	**302,992**	**23,346**	**9,885**	**1,654,630**
(CA)	**(22,937,106)**	**(3,077,938)**	**(1,462,833)**	**(8,679)**	**(31,823)**	**(235,901)**	**(20,655)**	**(9,885)**	**(868,402)**
TOTAL U.S. 2018	**29,669,764**	**4,725,083**	**1,043,229**	**50,822**	**37,178**	**143,424**	**65,114**	**0**	**2,348,821**
(CA)	**(24,960,229)**	**(3,874,758)**	**(844,016)**	**(50,136)**	**(20,540)**	**(135,169)**	**(65,026)**	**0**	**(1,887,571)**

Figures in () represent controlled atmosphere holdings which are represented in totals.

Fresh Apple Holdings By Variety and Area (42-lb Units)

TOTAL JUNE 1, 2020

STATE	TOTAL VARIETIES	RED DELICIOUS	ROME	ROME SPORT	SPARTAN	STAYMAN	YORK	OTHERS
Connecticut	5,867	419	0	0	0	71	0	180
(CA)	(3,300)	(300)	0	0	0	0	0	(180)
Maine	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0
Maryland	26,331	44	6,212	0	2,461	0	0	12,380
(CA)	(23,087)	(44)	(3,588)	0	(2,461)	0	0	(12,360)
Massachusetts	21,979	475	0	0	0	0	0	0
(CA)	(14,613)	0	0	0	0	0	0	0
New Hampshire	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0
New York	874,399	125,215	81,475	10,709	2,472	475	1,901	128,883
(CA)	(664,505)	(100,093)	(76,960)	(10,709)	(119)	0	(1,901)	(100,781)
Pennsylvania	335,771	44,092	1,704	0	333	190	951	14,224
(CA)	(296,115)	(37,438)	(238)	0	(333)	(190)	(951)	(1,680)
TOTAL N.EAST	**1,264,347**	**170,245**	**89,391**	**10,709**	**5,266**	**736**	**2,852**	**155,667**
(CA)	**(1,001,620)**	**(137,875)**	**(80,786)**	**(10,709)**	**(2,913)**	**(190)**	**(2,852)**	**(115,001)**
North Carolina	26,971	1,901	0	0	2,376	0	2,852	713
(CA)	(26,258)	(1,901)	0	0	(2,376)	0	(2,852)	0
Virginia	93,548	31,391	299	0	426	435	76	1,968
(CA)	(47,512)	(5,328)	0	0	(426)	(182)	(40)	0
West Virginia	27,329	14,258	0	1,188	0	1,188	238	0
(CA)	(23,526)	(14,258)	0	(1,188)	0	0	0	0
TOTAL S.EAST	**147,848**	**47,550**	**299**	**1,188**	**2,802**	**1,623**	**3,166**	**2,681**
(CA)	**(97,296)**	**(21,487)**	**0**	**(1,188)**	**(2,802)**	**(182)**	**(2,892)**	**0**
Indiana	6,891	3,802	2,139	0	0	475	0	0
(CA)	0	0	0	0	0	0	0	0
Michigan	378,000	117,000	0	0	0	0	0	33,000
(CA)	(378,000)	(117,000)	0	0	0	0	0	(33,000)
Ohio	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0
TOTAL M.WEST	**384,891**	**120,802**	**2,139**	**0**	**0**	**475**	**0**	**33,000**
(CA)	**(378,000)**	**(117,000)**	**0**	**0**	**0**	**0**	**0**	**(33,000)**
California	26,473	0	0	0	0	0	0	0
(CA)	(26,473)	0	0	0	0	0	0	0
Utah	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0
TOTAL S.WEST	**26,473**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
(CA)	**(26,473)**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Idaho	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0
Oregon	205,232	77,565	0	0	0	0	0	0
(CA)	(205,232)	(77,565)	0	0	0	0	0	0
Washington	32,085,714	7,844,762	0	0	0	0	0	1,283,809
(CA)	(26,190,626)	(7,003,330)	0	0	0	0	0	(1,018,539)
TOTAL N.WEST	**32,290,946**	**7,922,327**	**0**	**0**	**0**	**0**	**0**	**1,283,809**
(CA)	**(26,395,858)**	**(7,080,895)**	**0**	**0**	**0**	**0**	**0**	**(1,018,539)**
TOTAL NE/SE/MW/SW	**1,823,559**	**338,597**	**91,829**	**11,897**	**8,068**	**2,834**	**6,018**	**191,348**
(CA)	**(1,503,389)**	**(276,362)**	**(80,786)**	**(11,897)**	**(5,715)**	**(372)**	**(5,744)**	**(148,001)**
TOTAL U.S. 2020	**34,114,505**	**8,260,924**	**91,829**	**11,897**	**8,068**	**2,834**	**6,018**	**1,475,157**
(CA)	**(27,899,247)**	**(7,357,257)**	**(80,786)**	**(11,897)**	**(5,715)**	**(372)**	**(5,744)**	**(1,166,540)**
TOTAL U.S. 2019	**27,735,293**	**8,997,270**	**142,826**	**1,179**	**91,799**	**7,602**	**10,702**	**714,202**
(CA)	**(22,937,106)**	**(8,010,283)**	**(131,776)**	**(1,179)**	**(89,882)**	**(275)**	**(10,526)**	**(577,525)**
TOTAL U.S. 2018	**29,669,764**	**6,791,101**	**131,518**	**8,575**	**39,258**	**3,269**	**459,520**	**498,382**
(CA)	**(24,960,229)**	**(6,597,994)**	**(126,495)**	**(8,575)**	**(38,899)**	**(675)**	**(348,571)**	**(342,548)**

Figures in () represent controlled atmosphere holdings which are represented in totals.

Total June 1, 2020 Apple Holdings by Use, Type of Storage and Region (42-lb Units)

TOTAL JUNE 1, 2020

	FRESH		PROCESSING		TOTAL HOLDINGS			TOTAL CA HOLDINGS			TOTAL FRESH HOLDINGS			MAY FRESH MOVEMENT		
STATE/REGION	REGULAR	CA	REGULAR	CA	2020	2019	2018	2020	2019	2018	2020	2019	2018	2020	2019	2018
Connecticut	2,567	3,300	0	0	5,867	0	0	3,300	0	0	5,867	0	0	2,902	0	0
Maine	0	0	0	0	0	0	0	0	0	0	0	0	0	1,500	0	30,378
Maryland	3,244	23,087	0	0	26,331	47,962	0	23,087	43,282	0	26,331	47,962	0	19,429	49,455	35,909
Massachusetts	7,366	14,613	0	0	21,979	7,390	0	14,613	1,936	0	21,979	7,390	0	19,710	11,118	25,124
New Hampshire	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New York	209,894	664,505	284,017	1,863,013	3,021,429	3,218,771	2,885,040	2,527,518	2,815,503	2,609,033	874,399	992,640	977,163	581,785	443,600	749,584
Pennsylvania	39,656	296,115	289,277	595,897	1,220,945	871,554	949,250	892,012	655,631	820,470	335,771	224,380	189,743	122,220	98,106	195,260
TOTAL N.EAST	**262,727**	**1,001,620**	**573,294**	**2,458,910**	**4,296,551**	**4,145,677**	**3,834,290**	**3,460,530**	**3,516,352**	**3,429,503**	**1,264,347**	**1,272,372**	**1,166,906**	**747,546**	**602,279**	**1,036,255**
North Carolina	713	26,258	54,655	6,773	88,399	65,447	314,091	33,031	24,455	314,091	26,971	19,968	0	6,742	8,559	31,909
Virginia	46,036	47,512	321,452	502,907	917,907	815,731	675,928	550,419	535,793	412,095	93,548	68,127	85,915	23,388	29,197	28,760
West Virginia	3,803	23,526	37,636	38,394	103,359	69,967	95,830	61,920	43,467	59,571	27,329	20,234	36,225	6,829	8,669	12,075
TOTAL S.EAST	**50,552**	**97,296**	**413,743**	**548,074**	**1,109,665**	**951,145**	**1,085,849**	**645,370**	**603,715**	**785,757**	**147,848**	**108,329**	**122,140**	**36,959**	**46,425**	**72,744**
Indiana	6,891	0	713	4,040	11,644	8,621	0	4,040	2,991	0	6,891	5,102	0	1,723	2,187	0
Michigan	0	378,000	0	1,001,000	1,379,000	929,000	870,000	1,379,000	929,000	870,000	378,000	177,000	161,000	322,000	248,000	199,000
Ohio	0	0	0	0	0	0	0	0	0	0	0	0	0	1,978	0	0
Wisconsin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL M.WEST	**6,891**	**378,000**	**713**	**1,005,040**	**1,390,644**	**937,621**	**870,000**	**1,383,040**	**931,991**	**870,000**	**384,891**	**182,102**	**161,000**	**325,701**	**250,187**	**199,000**
California	0	26,473	14,971	17,109	58,553	69,186	38,670	43,582	58,102	0	26,473	36,022	23,489	6,617	15,440	19,666
Utah	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL S.WEST	**0**	**26,473**	**14,971**	**17,109**	**58,553**	**69,186**	**38,670**	**43,582**	**58,102**	**0**	**26,473**	**36,022**	**23,489**	**6,617**	**15,440**	**19,666**
Idaho	0	0	0	0	0	0	0	0	0	0	0	0	0	6,900	0	0
Oregon	0	205,232	1,050	35,693	241,975	303,381	184,938	240,925	303,381	184,870	205,232	252,661	160,038	140,513	107,011	148,013
Washington	5,895,088	26,190,626	1,567,317	7,189,826	40,842,857	32,130,474	36,972,383	33,380,452	26,520,484	31,362,859	32,085,714	25,883,807	28,036,191	11,393,334	9,881,450	12,804,422
TOTAL N.WEST	**5,895,088**	**26,395,858**	**1,568,367**	**7,225,519**	**41,084,832**	**32,433,855**	**37,157,321**	**33,621,377**	**26,823,865**	**31,547,729**	**32,290,946**	**26,136,468**	**28,196,229**	**11,540,747**	**9,988,461**	**12,952,435**
TOTAL NE/SE/MW/SW	**320,170**	**1,503,389**	**1,002,721**	**4,029,133**	**6,855,413**	**6,103,629**	**5,828,809**	**5,532,522**	**5,110,160**	**5,085,260**	**1,823,559**	**1,598,825**	**1,473,535**	**1,116,823**	**914,331**	**1,327,665**
TOTAL U.S.	**6,215,258**	**27,899,247**	**2,571,088**	**11,254,652**	**47,940,245**	**38,537,484**	**42,986,130**	**39,153,899**	**31,934,025**	**36,632,989**	**34,114,505**	**27,735,293**	**29,669,764**	**12,657,570**	**10,902,792**	**14,280,100**

Figures in () represent controlled atmosphere holdings which are represented in totals.

Processing Apple Holdings By Selected Varieties* (1000 42-lb Units)

TOTAL JUNE 1, 2020

STATE/REGION	AMBRO-SIA	BRAE-BURN	CORT-LAND	COSMIC CRISP	EMPIRE	FUJI	GALA	GOLDEN DELI-CIOUS	GRANNY SMITH	HONEY-CRISP	IDARED	JONA-THAN	MCIN-TOSH	MUTSU/ CRISPIN	NEW-TOWN PIPPIN	CRIPPS PINK/ PINK LADY	ROME	ROME SPORT	SPARTAN	STAY-MAN	YORK	OTHERS	
New York	12	1	22	0	0	2	4	431	27	22	702	0	10	131	0	0	567	0	0	0	8	199	1939
(CA)	(12)	(1)	(22)	0	0	0	(2)	(421)	(19)	(7)	(557)	0	(6)	(120)	0	0	(502)	0	0	0	(8)	(178)	-1677
Other N.East	0	0	0	0	0	16	2	239	36	0	0	0	0	0	0	7	107	1	0	0	318	152	726
(CA)	0	0	0	0	0	0	(1)	(205)	(35)	0	0	0	0	0	0	0	(53)	0	0	0	(243)	(55)	-537
Other S.East	0	0	4	0	1	3	19	196	4	7	64	0	6	2	1	28	193	0	1	26	258	140	813
(CA)	0	0	(3)	0	(1)	(1)	(13)	(107)	0	(7)	(51)	0	(6)	(2)	(1)	(19)	(102)	0	(1)	(25)	(128)	(73)	-467
Michigan	0	0	0	0	19	27	21	79	0	0	135	69	55	0	0	0	424	0	0	0	0	172	829
(CA)	0	0	0	0	(19)	(27)	(21)	(79)	0	0	(135)	(69)	(55)	0	0	0	(424)	0	0	0	0	(172)	-829
Other M.West	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
(CA)	0	0	0	0	0	0	(4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-4
California	0	0	0	0	2	1	0	9	0	0	0	0	0	0	18	0	0	0	0	0	0	0	30
(CA)	0	0	0	0	(2)	(1)	0	(9)	0	0	0	0	0	0	(3)	0	0	0	0	0	0	0	-15
Other S.West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington	86	11	0	0	0	1,114	1,230	970	1,467	1,349	0	0	0	0	0	355	0	0	0	0	0	2,171	6582
(CA)	(52)	(5)	0	0	0	(887)	(1,105)	(775)	(1,139)	(1,136)	0	0	0	0	0	(216)	0	0	0	0	0	(1,871)	-5315
OTHER N.WEST	**0**	**0**	**0**	**0**	**0**	**5**	**9**	**0**	**9**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**12**	**23**
(CA)	**0**	**0**	**0**	**0**	**0**	**(5)**	**(9)**	**0**	**(8)**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**(12)**	**-22**
TOTAL U.S. 2020	**99**	**12**	**26**	**0**	**23**	**1,170**	**1,292**	**1,926**	**1,545**	**1,379**	**902**	**69**	**72**	**134**	**19**	**390**	**1,293**	**1**	**2**	**26**	**586**	**2,848**	**10966**
(CA)	**(64)**	**(7)**	**(25)**	**0**	**(23)**	**(923)**	**(1,157)**	**(1,598)**	**(1,202)**	**(1,151)**	**(743)**	**(69)**	**(68)**	**(123)**	**(4)**	**(235)**	**(1,082)**	**0**	**(2)**	**(25)**	**(380)**	**(2,364)**	**-8881**
TOTAL U.S. 2019	**71**	**11**	**13**	**0**	**42**	**862**	**1,046**	**1,351**	**998**	**1,376**	**360**	**122**	**80**	**211**	**15**	**282**	**707**	**730**	**1**	**17**	**356**	**2,141**	**8651**
(CA)	**(42)**	**(6)**	**(8)**	**0**	**(40)**	**(688)**	**(934)**	**(1,156)**	**(791)**	**(1,153)**	**(339)**	**(121)**	**(79)**	**(209)**	**(4)**	**(177)**	**(589)**	**(590)**	**(1)**	**(17)**	**(253)**	**(1,788)**	**-7197**
TOTAL U.S. 2018	**0**	**14**	**11**	**0**	**302**	**1,394**	**1,409**	**2,039**	**1,806**	**526**	**744**	**39**	**116**	**197**	**0**	**624**	**1,167**	**314**	**0**	**2**	**617**	**1,985**	**11321**
(CA)	**0**	**(11)**	**0**	**0**	**(227)**	**(1,219)**	**(1,140)**	**(1,852)**	**(1,596)**	**(460)**	**(684)**	**(39)**	**(105)**	**(194)**	**0**	**(527)**	**(990)**	**(314)**	**0**	**0**	**(510)**	**(1,795)**	**-9868**

Figures in () represent controlled atmosphere holdings which are represented in totals

** Varieties not listed or with holdings under 1,000 have been reported under others*

April Movement of Fresh and Processor Holdings By Region (1000 42-lb Units)

TOTAL JUNE 1, 2020

REGION	2020	2019	2018	2017	2016	2015	5 YEAR AVERAGE	FIVE YEAR %
Northeast	1,654	1,816	1,932	1,506	1,755	1,965	1,795	-7.9%
Southeast	156	282	72	374	316	1,007	410	-62.0%
Midwest	473	688	649	751	640	528	651	-27.3%
Southwest	14	29	46	46	0	57	36	-61.1%
NorthWest	14,924	12,878	16,400	16,444	12,358	17,833	15,183	-1.7%
TOTAL U.S.	**17,221**	**15,693**	**19,099**	**19,121**	**15,069**	**21,390**	**18,074**	**-4.7%**

Figures in () represent controlled atmosphere holdings which are represented in totals.

Total U.S. Apple Holdings by Variety on June 1 (1000 42-lb Units)

TOTAL JUNE 1, 2020

VARIETY	2020		2019		2018		2017		2016		2015		5 YEAR AVERAGE		FIVE YEAR %	
	TOTAL	FRESH	TOTAL	FRESH	TOTAL	FRESH	TOTAL	FRESH	TOTAL	FRESH	TOTAL	FRESH	TOTAL	FRESH	TOTAL	FRESH
Ambrosia	629	530	392	320	0	0	0	0	0	0	0	0	78	64	702%	728%
Braeburn	72	59	52	40	28	14	74	26	3	2	368	262	105	69	-31%	-14%
Cortland	54	28	49	36	40	28	9	9	18	17	37	15	31	21	76%	33%
Cosmic Crisp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	0%
Empire	155	131	201	158	1,360	1,058	91	79	56	56	134	131	368	296	-58%	-56%
Fuji	5,842	4,671	4,194	3,332	5,486	4,092	3,633	2,754	2,458	2,039	3,961	2,978	3,946	3,039	48%	54%
Gala	7,960	6,667	6,268	5,221	5,899	4,489	4,777	3,970	2,984	2,416	5,002	4,092	4,986	4,038	60%	65%
Golden Delicious	4,735	2,808	2,393	1,041	5,681	3,641	2,853	1,462	3,404	1,990	5,158	3,380	3,898	2,303	21%	22%
Granny Smith	6,753	5,208	4,727	3,729	6,531	4,725	3,106	2,117	5,693	4,645	5,013	3,828	5,014	3,809	35%	37%
Honeycrisp	3,469	2,089	3,232	1,856	1,570	1,043	445	317	907	644	166	110	1,264	794	174%	163%
Idared	971	68	369	9	795	50	652	82	1,103	42	963	100	776	57	25%	20%
Jonathan	77	7	154	32	76	37	21	5	13	3	28	28	58	21	32%	-67%
McIntosh	279	206	383	302	260	143	139	137	313	261	274	239	274	216	2%	-5%
Mutsu/Crispin	154	19	235	23	262	65	228	45	143	13	164	20	206	33	-25%	-43%
Newtown Pippin	29	10	25	9	0	0	0	0	0	0	2	0	5	2	437%	456%
Cripps Pink/Pink Lady	2,140	1,749	1,937	1,654	2,973	2,348	1,972	1,640	1,288	981	1,115	949	1,857	1,514	15%	15%
Red Delicious	10,437	8,260	10,872	8,997	8,583	6,791	14,335	11,830	10,361	8,533	15,726	12,590	11,975	9,748	-13%	-15%
Rome	1,385	91	849	142	1,299	131	1,481	71	1,476	101	1,311	129	1,283	115	8%	-21%
Rome Sport	13	11	731	1	323	8	5	4	41	15	17	16	223	9	-94%	25%
Spartan	10	8	93	91	39	39	28	28	70	70	112	112	68	68	-85%	-88%
Stayman	29	2	25	7	5	3	7	0	32	3	11	10	16	5	81%	-57%
York	592	6	367	10	1,077	459	533	1	610	2	775	1	672	95	-12%	-94%
Others	2,146	1,475	981	714	691	498	1,003	643	1,199	852	914	681	958	678	124%	118%
TOTAL VARIETIES	**47,931**	**34,103**	**38,529**	**27,724**	**42,978**	**29,662**	**35,392**	**25,220**	**32,172**	**22,685**	**41,251**	**29,671**	**38,064**	**29,153**	**26%**	**17%**

Total U.S. Apple Holdings by Region on June 1 (1000 42-lb Units)

TOTAL JUNE 1, 2020

REGION	2020	2019	2018	2017	2016	2015	5 YEAR AVERAGE	FIVE YEAR %
Northeast	4,296	4,145	3,834	3,172	3,630	4,090	3,774	13.8%
Southeast	1,109	951	1,085	831	975	762	921	20.4%
Midwest	1,390	937	870	980	1,196	1,005	998	39.3%
Southwest	58	69	38	0	0	0	21	171.0%
NorthWest	41,084	32,433	37,157	30,418	26,378	35,405	32,358	27.0%
TOTAL U.S.	**47,937**	**38,535**	**42,984**	**35,401**	**32,179**	**41,262**	**38,072**	**25.9%**

Figures in () represent controlled atmosphere holdings which are represented in totals.

EU Stocks Report

Holdings from Selected European Countries

(000 42-lb Units)

TOTAL MAY 1, 2020

	2017 CROP	2018 CROP	2019 CROP	% CHANGE 2019 CROP VS. 2018
Austria	1,014	3,170	2,261	-29%
Belgium	268	2,915	3,226	11%
Czech Republic	392	928	415	-55%
Denmark	0	164	0	-100%
France	8,126	10,337	12,071	17%
Germany	2,376	7,032	3,722	-47%
Italy	9,755	26,312	18,496	-30%
Poland	9,291	21,258	8,556	-60%
Portugal	0	0	0	NA
Spain	3,007	4,289	5,475	28%
Switzerland	392	1,467	1,020	-31%
The Netherlands	1,959	3,104	3,488	12%
United Kingdom	723	1,121	1,040	-7%
TOTAL	**34,228**	**82,097**	**59,769**	**-27%**

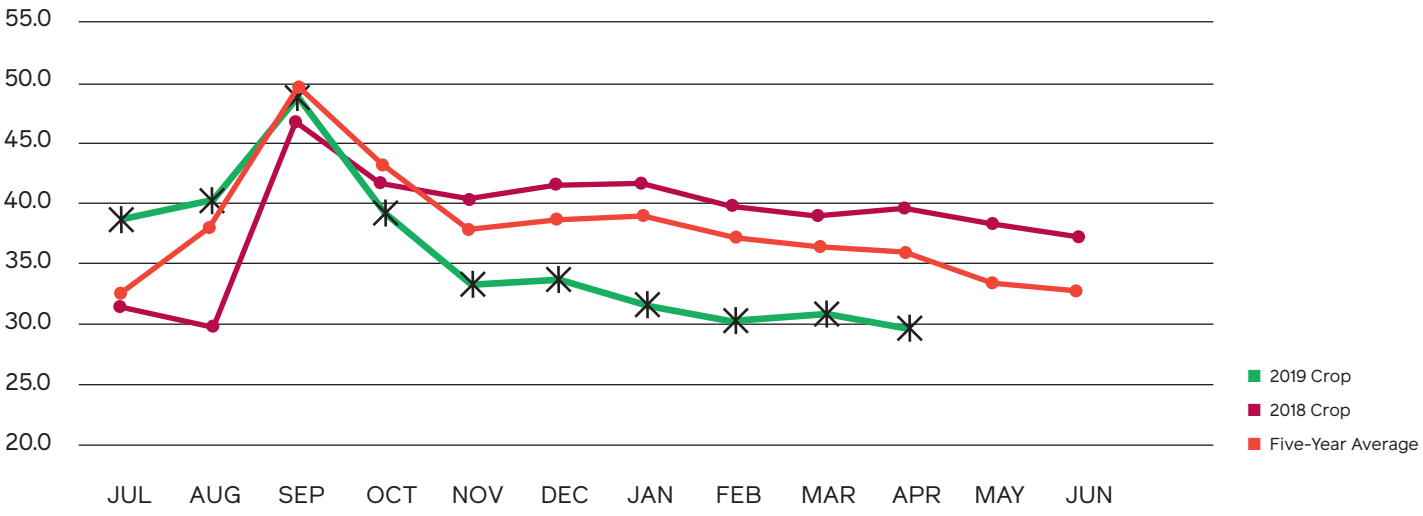
Holdings from Selected European Countries by Variety (000 42-lb Units)

TOTAL MAY 1, 2020

	2017 CROP	2018 CROP	2019	% CHANGE 2019 CROP VS. 2018
Golden Delicious	15,681	27,608	24,972	-10%
Jonagold	2,204	5,763	4,310	-25%
Idared	3,589	6,816	2,994	-56%
Gala	1,078	2,654	2,657	0%
Granny Smith	2,901	3,073	2,588	-16%
Red Jonaprince	1,084	3,085	2,466	-20%
Red Delicious	1,436	2,699	2,261	-16%
Fuji	1,373	3,104	2,009	-35%
Braeburn	548	2,802	1,940	-31%
Jonagored	435	2,575	1,887	-27%
Elstar	438	1,035	1,694	64%

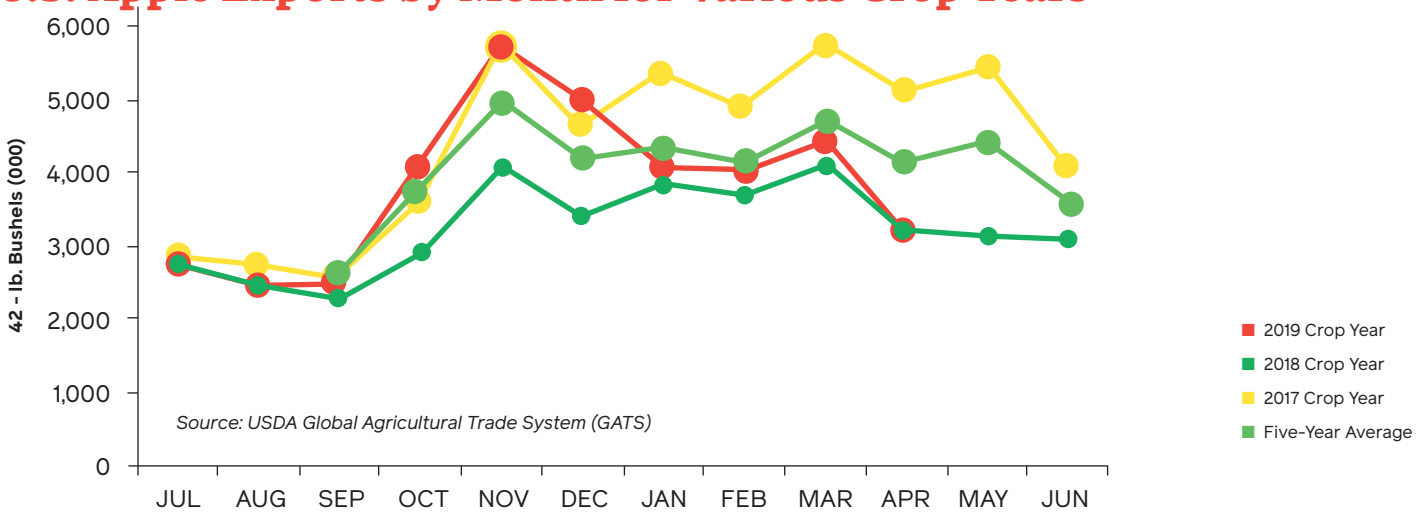
Source: Agrarmarkt Informations-Gesellschaft mbH, Bonn, Germany.
Holdings from EC producer organizations and their members.

Prices Received by Growers for All Fresh Apples (Cents/lb)



February - April prices are USApple estimate based on historical trend

U.S. Apple Exports by Month for Various Crop Years



Source: USDA Global Agricultural Trade System (GATS)

Historical Prices Received by Growers for All Fresh Apples

	2007 CROP	2008 CROP	2009 CROP	2010 CROP	2011 CROP	2012 CROP	2013 CROP	2014 CROP	2015 CROP	2016 CROP	2017 CROP	2018 CROP	2019 CROP	FIVE-YEAR AVERAGE
Jul	29.3	44.6	17.8	29.9	28.9	41.9	na	34.1	19.0	40.1	37.0	31.1	38.8	32.3
Aug	32.6	53.4	25.6	29.1	43.4	52.9	na	37.5	30.7	46.1	46.0	29.7	40.2	38.0
Sep	37.9	53.6	33.5	36.5	48.0	61.6	na	46.9	43.0	53.0	61.1	46.7	48.9	49.9
Oct	36.1	44.2	31.0	35.7	43.4	53.5	na	43.6	41.6	45.2	46.3	41.6	39.1	42.9
Nov	34.5	34.2	28.1	35.3	38.3	47.9	na	33.0	40.1	39.6	39.9	40.4	33.3	37.7
Dec	34.8	29.6	27.2	29.5	30.2	47.4	na	32.4	44.8	39.4	39.6	41.4	33.6	38.5
Jan	35.6	27.6	29.6	29.7	32.0	44.2	na	31.6	44.7	39.6	37.6	41.5	31.3	37.7
Feb	34.7	24.2	29.6	28.5	30.6	43.5	na	29.7	44.7	36.9	35.2	39.7	29.9	36.0
Mar	34.4	22.1	29.5	29.2	33.2	40.4	na	27.9	45.9	35.7	33.7	38.9	30.2	36.4
Apr	33.5	20.8	30.0	26.6	30.0	na	31.6	26.1	45.1	35.3	32.7	39.5	29.7	35.7
May	33.9	18.5	31.8	25.9	30.0	na	38.4	24.3	39.2	36.0	29.6	38.3		33.5
Jun	40.8	18.1	30.8	26.3	38.4	na	35.2	23.0	38.2	36.3	28.6	37.2		32.7
AVG	**33.1**	**34.8**	**32.6**	**28.7**	**30.2**	**48.1**	**35.1**	**32.5**	**39.8**	**40.3**	**38.9**	**38.8**		

Source: USDA, National Agricultural Statistical Service, Agricultural Prices, various months. Feb - April 2019 crop prices are USApple estimate based on historical data. Equivalent packing house-door returns for CA, NY, and WA. Price at point of first sale for other states.