

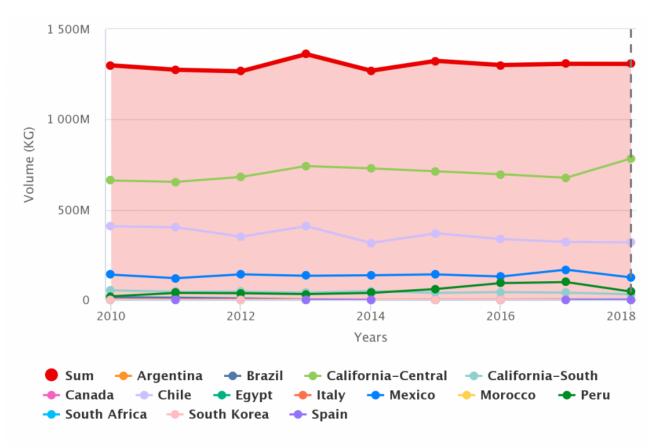
In this week's 'In Charts' installment, Cristian Crespo of data visualization tool <u>Agronometrics</u> illustrates how the U.S. market is evolving. Each week the article will look at a different horticultural commodity, focusing on a specific origin or topic to see what factors are driving change.

In this article we will look at how the U.S. table grape market has performed over the last several years - a picture of stable volumes and slightly declining prices.

There are five origins which have dominated the U.S. market over the last decade, according to the USDA data, which are Central California, Chile, Mexico, Peru and Southern California.

Central California is the leading origin, with a relatively stable supply over the years, as can be observed below.

Historic table grape arrival volumes in the U.S., by origin



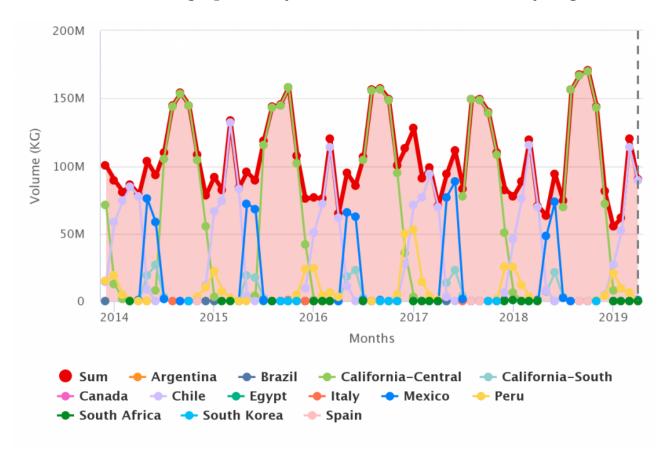


Source: USDA Market News via <u>Agronometrics</u>. (Agronometrics users can view this chart with live updates <u>here</u>)

I wanted to show the following chart to illustrate the similarity between the different seasons in terms of grape volumes in the U.S.

The volumes seem to be fairly flat over time (except for Central California in 2018), and of the same seasonality.

Historic table grape weekly arrival volumes in the U.S., by origin



Source: USDA Market News via <u>Agronometrics</u>. (Agronometrics users can view this chart with live updates <u>here</u>)



The following chart shows us the annual shipment volumes and prices over the last five years.

Shipments are similar year-by-year, as are the shipping dates, but prices have been falling over time, almost independently of the arrival volumes in the U.S. market.

Historic arrival volumes in the U.S. and average prices (USD/KG)



ce: USDA Market News via <u>Agronometrics</u>. (Agronometrics users can view this chart with live updates <u>here</u>)

Although historic USDA data tells us that table grape volumes have been stable over the last



few years, 2018 was different due to the large supplies from California which led to a decline in grape prices.

Historic monthly volumes of table grapes in the U.S.



Source: USDA Market News via <u>Agronometrics</u>. (Agronometrics users can view this chart with live updates <u>here</u>)

Below we can see the average prices in 2018 in the U.S. market, which were the lowest in the last four years. They did, however, begin to recover during the start of 2019.





Historic arrival prices of grapes in the U.S. market

Source: USDA Market News via <u>Agronometrics</u>. (Agronometrics users can view this chart with live updates <u>here</u>)

The U.S. table grape market seems to have remained almost unchanged over the last few years. What must therefore happen to make the market more dynamic and attractive for growers? Or, conversely - what must growers do to generate greater profitability in their business?

This is a relatively flat market, both in terms of and volumes, which have remained almost the same, and prices, which have been falling slightly.

My conclusion is as follows: either maximize productivity with investments, varieties, and yields, or change business.



In our 'In Charts' series, we work to tell some of the stories that are moving the industry. Feel free to take a look at the other articles by <u>clicking here</u>.

You can keep track of the markets daily through Agronometrics, a data visualization tool built to help the industry make sense of the huge amounts of data that professionals need to access to make informed decisions. If you found the information and the charts from this article useful, feel free to visit us at www.agronometrics.com where you can easily access these same graphs, or explore the other 23 fruits we currently track.