

NASDA Survey Training

**January Citrus Survey
(CITRUS PROD)**



**United States Department of Agriculture
National Agricultural Statistics Service**

**NOD-Training Group
December 2020**



General Survey Information

- “Essentially” an Ag Yield survey for citrus crops in AZ, CA, & TX
- Project Code: **133-Citrus Fruit Survey**
- Questionnaires:
 - Mailed out around December 23
 - Web reporting option (EDR) available
- Release:
 - *Crop Production*
 - January 12, 12PM (eastern)

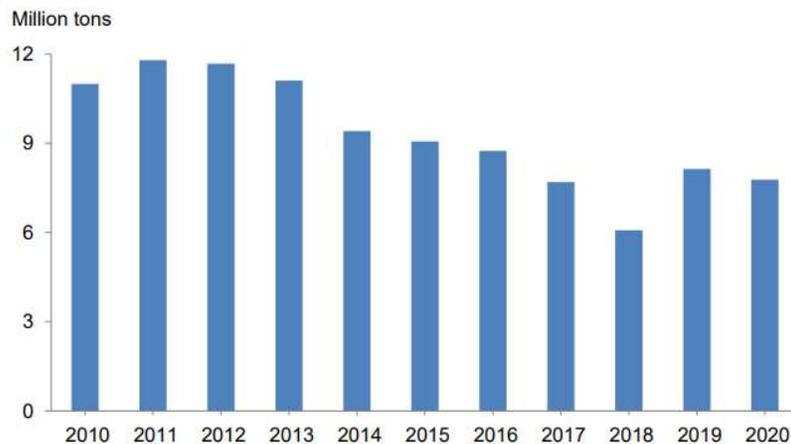


August 2020 Citrus Data

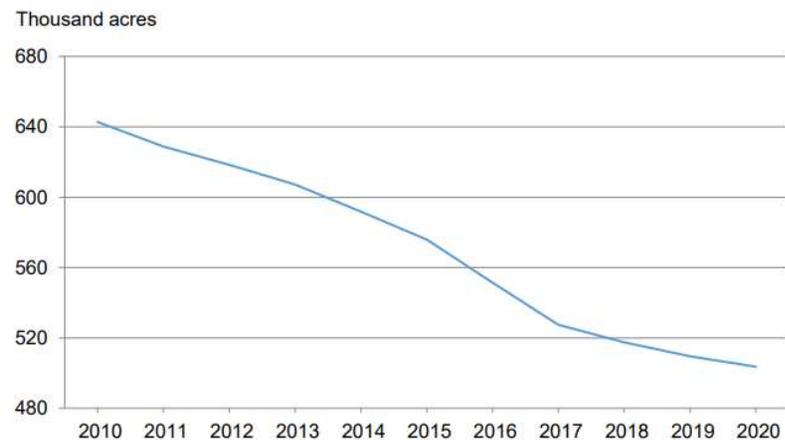
Citrus Utilized Production Down 4 Percent, Value Down Slightly

Citrus utilized production for the 2019-20 season totaled 7.78 million tons, down 4 percent from the 2018-19 season. California accounted for 54 percent of total United States citrus production; Florida totaled 42 percent, and Texas and Arizona produced the remaining 4 percent.

Utilized Citrus Production – United States



Bearing Acres of Oranges – United States



43% of Navel Orange acres are in CA
34% of Grapefruit acres are in TX, and 19% are in CA
87% of Lemon acres are in CA, and 13% are in AZ
89% of Mandarin and Mandarin Hybrid acres are in CA



Survey Information

- Looking for 2020 – 2021 season *expected* production of Lemons, Oranges, and Grapefruit
 - Depending on state
- At this point, we're not asking about end use
 - Just expected production...regardless of if the fruit will be used for fresh market, processing, etc
- Like with most fruits and vegetables:
 - A wide variety of units may be reported
 - Sometimes with varying weights
 - Questionnaire is set up to handle whatever is reported



Screening Questions

- Any acres in **2020 – 2021** of:
 - Oranges, Lemons, Mandarins, Mandarin hybrids, Grapefruit, or Pummelos?
 - **If “NO”**, Will this operation plant any of these citrus fruits in the future?
 - Yes/No/DK: all route you to the end of the survey
- Additional screening for each type of Citrus
 - Does this operation have any [specific type of citrus] acres?
 - **If “NO”**, Will this operation plant any [specific type of citrus] acres in the future?
 - Yes/No/DK: all route you to the next citrus crop



Survey Questions

- **Total acres** of [specific fruit] on January 1
 - Of these, how many are **bearing age** this year
 - Even if no *production* this year (due to freeze, disease, etc), still record the *bearing age* acres
- Expected **total production** for 2020 – 2021 season
 - Quantity, unit, pounds per unit



Arizona

- **Lemons:**
 - Will ask for total acres, bearing acres, and expected total production

- **Valencia Oranges, Navel and other Non-Valencia Oranges, Mandarins and Mandarin Hybrids, and Grapefruit and Pummelos:**
 - Will only ask for acres on this operation on January 1



Texas

- **Valencia Oranges, Navel and Other Non-Valencia Oranges, Grapefruit and Pummelos:**
 - Will ask for total acres, bearing acres, and expected total production
- **Mandarins and Mandarin Hybrids, and Lemons:**
 - Will only ask for acres on this operation on January 1



California

- **Valencia Oranges, Navel and other Non-Valencia Oranges, Mandarins and Mandarin Hybrids, Lemons, Grapefruit and Pummelos:**
 - Will ask for total acres, bearing acres, and expected total production for all five types of citrus crops



No Citrus and/or Out of Business

- Screening doesn't thoroughly cover this
- **Leave good notes** if the operation has no citrus acres or is completely out of business (no agricultural activity)
 - What happened? New operator? Any other info?



Extra Orange Information

- Navel Oranges:
 - Seedless, peel and segment easily, and are thought to be one of the world’s best tasting oranges
 - The “winter orange” – usually available December through May
- Valencia Oranges:
 - Thin skinned, has seeds, and are considered one of the best oranges for juicing
 - The “summer orange” – typically available March through September
- Mandarins:
 - “Mandarin Oranges” is a term that applies to an entire group of citrus fruits including such varieties as Clementine, Honey, Pixie, and tangerines in general. Smaller than Navel or Valencia Oranges. Have a thin, loose skin making them easy to peel.



Grapefruit and Pummelo Extra Information

- Pummelo:
 - One of the four original citrus species from which the rest of cultivated citrus hybridized. Is the largest of the citrus family. Native to South and Southeast Asia. Rind is very thick and is typically pale green to yellow when ripe.
- Grapefruit:
 - A relatively new citrus fruit. Is believed to be a hybrid between the pummelo and the orange.
 - The grapefruit's name alludes to clusters of the fruit on the tree, which often appear similar to grapes.



Things to Watch Out For

- Current total and/or bearing acres differs from previous
- Bearing acres cannot be greater than total acres
- Low bearing to total acres ratio
 - We are asking about *bearing age*....and not what will actually bear a crop this year
 - This can cause some confusion if there is a late frost, disease/insect issues, etc. that impact production
- **Bearing acres reported but no production reported**
 - Can be possible: crop was lost to a late freeze, etc.
- Yield seems high or low



Things to remember

- Referring to 2020 - 2021 crop year expected production
- Watch the decimal points: acres, pounds per unit
- Remember, *bearing age*
 - Even in cases of limited or no production this year

Conclusion

- Encounter anything odd or unexpected leave a note
- Practice on your iPad
- Contact your supervisor or RFO with any questions
- Have a Great Survey!

