

NASDA Survey Training

April Citrus Survey
(CITRUS PROD)



United States Department of Agriculture
National Agricultural Statistics Service

NOD-Training Group
March 2021



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 March 24th
 - Web reporting option available
- Release:
 - *Crop Production*
 - April 9, 12 noon EST



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



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.

- 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.

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 have 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 April 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 April 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 April 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?



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
 - Be sensitive with producers about February 2021 weather conditions (freeze) particularly in TX
- Watch the decimal points: acres, pounds per unit
- Remember, *bearing age*
 - Even in cases of limited or no production this year



Citrus Fun Facts

- **Lemons** turn from green to yellow because of temperature changes, not ripeness, so green patches are OK, but avoid brown spots, because that means rotting
- Christopher Columbus brought **citrus** seeds with him to the Americas in 1493, introducing the fruit there
- Around 85% of all **oranges** produced are used for juice
- A single **grapefruit** tree can produce over 1,500 pounds of fruit each 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!

