NASDA Survey Training

April Citrus Survey
(CITRUS PROD)

United States Department of Agriculture
National Agricultural Statistics Service

NOD-Training Group
March 2022
General Survey Information

• Conducted in AZ, CA, & TX
• Project Code: 133-Citrus Fruit Survey
• Questionnaires:
  – Mailed out around March 24th
  – Web reporting option available
• Release:
  – *Crop Production*
  – April 8, 12 noon EST
Survey Information

• Looking for 2021 – 2022 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 2021 – 2022 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 2021 – 2022 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 2021 - 2022 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
Special Request for OoB Records

• 2022 Census of Agriculture
  – Mails out this December
  – We need to contact every operation that was in business for any part of 2022
  – If an operation is Out of Business
    • Please ask if they were in business at any time during 2022 and leave a note
    • We can update the record to still be mailed the Census form
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!
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.