

FRUIT CHEMICAL USE SURVEY

OMB No. 0535-0218
 Approval Expires: xx/xx/xxxx
 Project Code: 141 QID: 002009
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| | | |
|-----------------------------|----------------------|--------------------------|
| VERSION 01 | POID _____ | SUBTRACT _____ |
|-----------------------------|----------------------|--------------------------|

| CONTACT RECORD | | |
|----------------|------|-------|
| DATE | TIME | NOTES |
| | | |
| | | |
| | | |

INTRODUCTION:

[Introduce yourself, and ask for the operator. Rephrase in your own words.]

We are collecting information on chemical use and need your help to make the information as accurate as possible. The information you provide will be used for statistical purposes only. Your responses will be kept confidential and any person who willfully discloses ANY identifiable information about you or your operation is subject to a jail term, a fine, or both. This survey is conducted in accordance with the Confidential Information Protection provisions of Title V, Subtitle A, Public Law 107-347 and other applicable Federal laws. For more information on how we protect your information please visit: <https://www.nass.usda.gov/confidentiality>. Response to this survey is **voluntary**.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0535-0218. The time required to complete this information collection is estimated to average 45 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

We encourage you to refer to your records during the interview.

BEGINNING TIME [MILITARY].

| | |
|-----|-------|
| 004 | _____ |
|-----|-------|

[Name, address and partners verified and updated if necessary.]

1. During 20XX, were any crops (*including new plantings*), livestock or poultry on the total acres operated? (*Exclude crops produced by a tenant if [target] operator is landlord only.*)

 YES – [Go to item 5, page 2.] **NO**-[Continue.]

2. During 20XX, did this operation sell any agricultural products or receive government agricultural payments? (*Exclude crops produced by a tenant if [target] operator is landlord only.*)

 YES - [Go to item 5, page 2.] **NO**-[Continue.]

3. During 20XX, were any crops stored on the total acres operated? (*Exclude crops produced by a tenant if [target] operator is landlord only.*)

 YES - [Go to item 5, page 2.] **NO**-[Continue.]

4. During 20XX, did this operation have any fruit acres
which were operated by a **management firm**?

YES - [Go to item 5, page 2.]

NO-[Go to page 4.]

SCREENING

1. Did this operation have any of the target crops during the 20XX crop year?

YES - [Continue.]

NO - [Write notes explaining situation then go to "Conclusion" on back page.]

2. Are the day-to-day decisions for this operation (*name on label*) made by –
[Check one.]

partners? [Continue.]

3. **How many individuals are involved in the day-to-day decisions of this operation?**

[Enter the number of partners, including the partner named on the label.

Identify the other persons in this partnership below, then go to.]

(Partners jointly operate land and share in decision making. **Do not include** landlords and tenants as partners.)

NUMBER

| | |
|--|--|
| PARTNERS POID _____ | PARTNERS POID _____ |
| PARTNER NAME | PARTNER NAME |
| ADDRESS | ADDRESS |
| CITY STATE ZIP PHONE NUMBER | CITY STATE ZIP PHONE NUMBER |
| PARTNERS POID _____ | PARTNERS POID _____ |
| PARTNER NAME | PARTNER NAME |
| ADDRESS | ADDRESS |
| CITY STATE ZIP PHONE NUMBER | CITY STATE ZIP PHONE NUMBER |

TARGET CROPS & CODES

FLORIDA

313 Grapefruit
 325 Oranges, All
 339 Tangerines
 Other crops

NEW JERSEY

305 Blueberries
 330 Peaches
 Other crops

OREGON

101 Apples
 304 Blackberries
 305 Blueberries
 307 Cherries, Sweet
 331 Pears
 335 Raspberries

GEORGIA

305 Blueberries
 330 Peaches
 Other crops

NEW YORK

101 Apples
 308 Cherries, Tart
 314 Grapes, All
 Other crops

SOUTH CAROLINA

330 Peaches
 Other crops

MICHIGAN

Other crops
 101 Apples
 305 Blueberries
 307 Cherries, Sweet
 308 Cherries, Tart
 330 Peaches

NORTH CAROLINA

101 Apples
 305 Blueberries
 Other crops

TEXAS

Other cropst
 313 Grapefruit
 330 Peaches

OTHER STATES

Other Crops

CHANGE IN OPERATING STATUS

[**ENUMERATOR NOTE:** Skip this section if there is no change in operation name or operator.]

1. Has there been a change in operation name or operator?

NO - [Go to Enumerator Note below.]

YES - [Enter code 1, complete name and address information below for new operator, and read Enumerator Note.].....

CODE

023

| | |
|--|----------------------|
| | Operation Name _____ |
| | Operator Name _____ |
| | Address _____ |
| | _____ |
| | Phone (_____) _____ |

[**ENUMERATOR NOTE:** If the operation on the face page was in business part of the 20XX crop year, complete this questionnaire for the part of the year during which the operation did business, unless the operation has been taken over by a new operator. If the operator has changed midyear, please conduct this interview start to finish with the new operator after reading "Valid Substitution" rules in section 4 of the Interviewer's Manual.]

2. Has the operation printed on this questionnaire been combined or merged with any other farming operations?

Yes - [Go to "Conclusion".]

No - [Continue.]

CALIFORNIA SCREENING

1. What ID (*pesticide permit number*) does this operation use for reporting pesticide applications on the target crops' bearing acres to the County Agricultural Commissioners?

COUNTY

| | |
|--|--|
| | |
|--|--|

NUMBER

| | | | | |
|--|--|--|--|--|
| | | | | |
|--|--|--|--|--|

2. Is this ID used to report pesticide applications for any other operations?

YES - [Continue.] **NO** - [Go to item 3.]

a. What other operation(s) is this ID used to report for?

| | |
|--------------------|--------------------|
| Name _____ | Name _____ |
| Address _____ | Address _____ |
| Phone () _____ | Phone () _____ |

3. Does this operation use any **OTHER** ID's to report pesticide applications on the target crops' bearing acres to the County Agricultural Commissioners?

YES - [Continue.] **NO** - [Go to Section A, page 5.]

a. What are these other ID numbers?

COUNTY

| | |
|--|--|
| | |
| | |
| | |
| | |
| | |

NUMBER

| | | | | |
|--|--|--|--|--|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

b. Do you use any of these ID's to report pesticide applications for any other operation(s)?

YES - [Continue.] **NO** - [Go to Section A, page 5.]

(i) What other operation(s) use this ID for reporting? [*Identify operation and ID.*]

| | |
|--------------------|--------------------|
| Name _____ | Name _____ |
| Reporting ID _____ | Reporting ID _____ |
| Address _____ | Address _____ |
| Phone () _____ | Phone () _____ |

4. Do you employ a fruit management company to care for any of the targeted fruit crops?

YES - [Continue.] **NO** - [Go to Section A, page 5.]

a. What fruit management company do you employ?

| | |
|--------------------|--------------------|
| Name _____ | Name _____ |
| Address _____ | Address _____ |
| Phone (____) _____ | Phone (____) _____ |

ACRES OPERATED

CODE

[Enumerator Action: If acreage on the insert is verified as correct, enter code 1 in box 801, then skip to Section B. If acreage has changed, ask ALL questions.]

801

Now I would like to ask about the total acres operated under this land arrangement.

1. How many acres does this operation---

ACRES

a. Own? +

901 . ____

b. Rent or lease from others or use rent free? (Exclude land used on an animal unit month (AUM) basis.) +

902 . ____

c. Rent to others? -

905 . ____

2. [Calculate item 1a + 1b - 1c.] Then the total acres operated are: =

900 .

a. Does this include the farmstead, all cropland, woodland, pasture land, wasteland, and government program land?

YES - [Continue.] NO - [Make corrections, then continue.]

The remaining questions in this survey refer to these [item 2] acres.

3. Of the total acres operated, how many acres are considered cropland, including land in hay, summer fallow, cropland idle, cropland used for pasture and cropland in government programs?

802 . ____

4. Of the total acres operated, how many acres are in fruit? (Include bearing and non-bearing acreage in trees, vineyards and bushes.)

803 . ____

B

FRUIT ACREAGE

B

1. What **target fruit crops** were on these [Section A, item 4] acres during the 20XX crop year? (*Exclude new plantings and other plantings which are not yet bearing.*)

| | | |
|------------------------------|--------------|------------|
| OFFICE USE LINES IN TABLE | TABLE 001 | LINE 99 |
|------------------------------|--------------|------------|

| L I N E | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|------------------|------|-----------|--|---|--|--|--|---|
| | CROP | CROP CODE | How many BEARING acres of [crop] did this operation have? ACRES | Were any commercial fertilizers applied to this crop [YES = 1] | Were any herbicides, insecticides, fungicides, etc. applied to this crop? [YES = 1] | On what date did you complete harvest of your 20XX crop year [crop]? MM DD YY | On what date did you complete harvest of your 20XX crop year [crop]? MM DD YY | |
| 01 | | | 11 . ____ | 12 | 13 | 14 | 15 | |
| 02 | | | 11 . ____ | 12 | 13 | 14 | 15 | |
| 03 | | | 11 . ____ | 12 | 13 | 14 | 15 | |
| 04 | | | 11 . ____ | 12 | 13 | 14 | 15 | |
| 05 | | | 11 . | 12 | 13 | 14 | 15 | |
| 06 | | | 11 . ____ | 12 | 13 | 14 | 15 | |
| 07 | | | 11 . ____ | 12 | 13 | 14 | 15 | |
| 08 | | | 11 . | 12 | 13 | 14 | 15 | |
| 09 | | | 11 . | 12 | 13 | 14 | 15 | |
| 10 | | | 11 . ____ | 12 | 13 | 14 | 15 | |
| 11 | | | 11 . ____ | 12 | 13 | 14 | 15 | |
| 12 | | | 11 . | 12 | 13 | 14 | 15 | |
| 13 | | | 11 . | 12 | 13 | 14 | 15 | |
| 14 | | | 11 . ____ | 12 | 13 | 14 | 15 | |
| 15 | | | 11 . ____ | 12 | 13 | 14 | 15 | |

CALIFORNIA CROP CODES

| | | | |
|---------------------|----------------------------|----------------------|----------------|
| 301 APPLES | | 330 KIWIFRUIT | 341 PEARS |
| 303 APRICOTS | 424 RAISIN TYPE VARIEITES | 331 LEMONS | 342 PLUMS |
| 305 AVOCADOS | (include all uses for | 333 NECTARINES | 343 PRUNES |
| 312 CHERRIES, SWEET | Thompson Seedless variety) | 334 OLIVES | 349 TANGERINES |
| 316 DATES | 524 TABLE TYPE VARIETIES | 435 NAVEL ORANGES | OTHER CROPS |
| 318 FIGS | 624 WINE TYPE VARIETIES | 535 VALENCIA ORANGES | |
| 320 GRAPEFRUIT | | 340 PEACHES | |

| L I N E | CAL – EPA SITE LOCATION NUMBER <i>(if required)</i> | | | | | |
|------------------|--|--|--|--|--|--|
| 01 | | | | | | |
| 02 | | | | | | |
| 03 | | | | | | |
| 04 | | | | | | |
| 05 | | | | | | |
| 06 | | | | | | |
| 07 | | | | | | |
| 08 | | | | | | |
| 09 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |

INCLUDES AND EXCLUDES

| | |
|--|--|
| <p>INCLUDE: TARGET CROPS ONLY. All commercial acreage equal to or greater than one tenth of a bearing acre. All bearing acreage for processing or fresh market. All bearing acreage for roadside stands, farmer’s markets or U-pick sales. Bearing acreage not harvested due to weather, economic or other reasons. Crops planted in the fall of 20XX if they were part of the 20XX crop.</p> | <p>EXCLUDE: All crops grown in another state. Non-commercial orchard and vineyard acreage (<i>home garden</i>). All TARGET CROPS grown by institutional, experimental, research and university farms. Non-target fruits. Abandoned orchards and vineyards. New plantings and other plantings which are not yet bearing.</p> |
|--|--|

| |
|--------------|
| TABLE 001 |
|--------------|

1. What **target fruit crops** were on these [Section A, item 4] acres during the 20XX crop year? (*Exclude new plantings and other plantings which are not yet bearing.*)

| | |
|------------------------------|-----|
| OFFICE USE LINES IN TABLE | |
| LINE 99 | 199 |

| L I N E | 1 | 2 | 3 | 5 | 6 |
|------------------|------|-----------|--|---|--|
| | CROP | CROP CODE | How many BEARING acres of [crop] did this operation have? ACRES | Were any commercial fertilizers applied to this crop [YES = 1] | Were any herbicides, insecticides, fungicides, etc. applied to this crop? [YES = 1] |
| 01 | | | 11 . | 12 | 13 |
| 02 | | | 11 . | 12 | 13 |
| 03 | | | 11 . | 12 | 13 |
| 04 | | | 11 . | 12 | 13 |
| 05 | | | 11 . | 12 | 13 |
| 06 | | | 11 . | 12 | 13 |
| 07 | | | 11 . | 12 | 13 |
| 08 | | | 11 . | 12 | 13 |
| 09 | | | 11 . | 12 | 13 |
| 10 | | | 11 . | 12 | 13 |
| 11 | | | 11 . | 12 | 13 |
| 12 | | | 11 . | 12 | 13 |
| 13 | | | 11 . | 12 | 13 |
| 14 | | | 11 . | 12 | 13 |
| 15 | | | 11 . | 12 | 13 |

- INCLUDE**
- **TARGET CROPS ONLY.**
 - All commercial bearing acreage equal to or greater than one tenth of an acre.
 - All bearing acreage of TARGET CROPS for processing or fresh market.
 - All bearing acreage of TARGET CROPS for roadside stands, farmer's markets or U-pick sales.
 - Bearing acreage not harvested due to weather, economic or other reasons.
 - Crops planted in the fall of 20XX if they were part of the 20XX crop.
- EXCLUDE**
- All crops grown in another state.
 - Non-commercial orchard and vineyard acreage (home garden).
 - Non-target fruits.
 - New plantings and other plantings which are not yet bearing.
 - **ALL TARGET CROPS** grown by institutional, experimental, research and university farms (abnormal farms).
 - Abandoned orchards and vineyards.

NOTES: _____

WASHINGTON CROP CODES

| | | | |
|-----|-----------------|-----|---------------|
| 301 | APPLES | 622 | GRAPES, JUICE |
| 309 | BLUEBERRIES | 624 | GRAPES, WINE |
| 312 | CHERRIES, SWEET | 341 | PEARS |
| 314 | CHERRIES, TART | 345 | RASPBERRIES |
| | | | OTHER CROPS |



FERTILIZER APPLICATIONS

Enumerator Note---

If column 4 of the table in Section B is YES for any crops, continue with item 1.

If column 4 of the table in Section B is NO for all crops, go to Section, page 10.

1. I need to record complete information on all commercial fertilizers applied to the bearing acres of **target fruit** grown during the 20XX crop year. Include all applications regardless of how they were applied (irrigation water, foliar applications, etc.). [Record amount of analysis of fertilizers applied or pounds of **actual plant nutrients** applied. Complete the table below (and any necessary supplemental fertilizer tables). Exclude micronutrients, lime, and gypsum.]

| | | |
|------------------------------|--------------|-----|
| OFFICE USE LINES IN TABLE | TABLE 001 | 299 |
|------------------------------|--------------|-----|

| LINE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|------|------|-----------|----|-------------------------------|------------------|----|--|---|---|--------------------------------|
| | CROP | CROP CODE | N | P ₂ O ₅ | K ₂ O | S | How much was applied per acre per application? [Leave this column blank if actual nutrients were reported.] | UNIT CODES 1 Pounds 12 Gallons 13 Quarts 15 Liquid Oz. 28 Dry Oz. 19 Actual Nutrients | How many acres was this applied to? [Include bearing acres only] | How many times was it applied? |
| | | | N | P ₂ O ₅ | K ₂ O | S | | | ACRES | NUMBER |
| 01 | | | 31 | 32 | 33 | 34 | 36 | 37 | 40 | 41 |
| 02 | | | 31 | 32 | 33 | 34 | 36 | 37 | 40 | 41 |
| 03 | | | 31 | 32 | 33 | 34 | 36 | 37 | 40 | 41 |
| 04 | | | 31 | 32 | 33 | 34 | 36 | 37 | 40 | 41 |
| 05 | | | 31 | 32 | 33 | 34 | 36 | 37 | 40 | 41 |
| 06 | | | 31 | 32 | 33 | 34 | 36 | 37 | 40 | 41 |
| 07 | | | 31 | 32 | 33 | 34 | 36 | 37 | 40 | 41 |
| 08 | | | 31 | 32 | 33 | 34 | 36 | 37 | 40 | 41 |
| 09 | | | 31 | 32 | 33 | 34 | 36 | 37 | 40 | 41 |
| 10 | | | 31 | 32 | 33 | 34 | 36 | 37 | 40 | 41 |
| 11 | | | 31 | 32 | 33 | 34 | 36 | 37 | 40 | 41 |
| 12 | | | 31 | 32 | 33 | 34 | 36 | 37 | 40 | 41 |
| 13 | | | 31 | 32 | 33 | 34 | 36 | 37 | 40 | 41 |
| 14 | | | 31 | 32 | 33 | 34 | 36 | 37 | 40 | 41 |
| 15 | | | 31 | 32 | 33 | 34 | 36 | 37 | 40 | 41 |
| 16 | | | 31 | 32 | 33 | 34 | 36 | 37 | 40 | 41 |
| 17 | | | 31 | 32 | 33 | 34 | 36 | 37 | 40 | 41 |

Now I have some questions about pesticide and chemical applications to your **bearing fruit acreage** before harvest. Please consider all applications made to trees, vineyards or bushes which occurred **after last season's harvest**.

- 1. Since last year's (20XX) harvest, did you use **herbicides** on any of your bearing fruit acreage? YES NO
- 2. Since last year's (20XX) harvest, did you use **insecticides, nematocides or mitocides** on any of your bearing fruit acreage? YES NO
- 3. Since last year's (20XX) harvest, did you use any **fungicides** on any of your bearing fruit acreage? YES NO
- 4. Since last year's (20XX) harvest, did you use any other chemicals such as chemical thinners, growth regulators, microbial agents, pheromones, rodenticides, soil fumigants, etc. on any of your bearing fruit acreage? YES NO
- 5. [ENUMERATION ACTION: *If ALL items 1 – 4 are NO, go to Section E, page 14; else continue.*]

PESTICIDE APPLICATIONS

CODES FOR COLUMN 8

| | |
|-------------------|------------------------------------|
| 1 POUNDS | 30 GRAMS |
| 12 GALLONS | 40 KILOGRAMS |
| 13 QUARTS | 41 LITERS |
| 14 PINTS | 46 SPIRALS |
| 15 OUNCES, LIQUID | 47 PACKETS |
| 28 OUNCES, DRY | 50 OTHER (<i>Specify: _____</i>) |

| L I N E | 6 | OR | 7 | 8 | 9 | 10 | 11 |
|------------------|--|----|--|-------------------------------|---|---|----------------------|
| | How much was applied per acre per application? | | What was the total amount applied per application? | [Enter unit code from above.] | What percent of the rows were covered? 100 All Rows 50 Every Other Row --- Other | How many acres were treated with this product? [Include bearing acres only.] | When was it applied? |
| | | | | CODE | [Enter percent covered.] | BEARING ACRES | MM DD YY |
| 01 | 65 | | 73 | 74 | 75 | 77 | 83 |
| 02 | 65 | | 73 | 74 | 75 | 77 | 83 |
| 03 | 65 | | 73 | 74 | 75 | 77 | 83 |
| 04 | 65 | | 73 | 74 | 75 | 77 | 83 |
| 05 | 65 | | 73 | 74 | 75 | 77 | 83 |
| 06 | 65 | | 73 | 74 | 75 | 77 | 83 |
| 07 | 65 | | 73 | 74 | 75 | 77 | 83 |
| 08 | 65 | | 73 | 74 | 75 | 77 | 83 |
| 09 | 65 | | 73 | 74 | 75 | 77 | 83 |
| 10 | 65 | | 73 | 74 | 75 | 77 | 83 |
| 11 | 65 | | 73 | 74 | 75 | 77 | 83 |
| 12 | 65 | | 73 | 74 | 75 | 77 | 83 |
| 13 | 65 | | 73 | 74 | 75 | 77 | 83 |
| 14 | 65 | | 73 | 74 | 75 | 77 | 83 |
| 15 | 65 | | 73 | 74 | 75 | 77 | 83 |

[For pesticides not listed in Respondent Booklet, specify--]

| Line No. | Pesticide Type <i>(Herbicide, Insecticide, Fungicide, etc.)</i> | Trade Name and Formulation | Form Purchased <i>(Liquid or Dry)</i> | EPA Reg. No. |
|----------|--|-------------------------------|--|--------------|
| _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ |

PEST MANAGEMENT PRACTICES

Now I have some questions about pest management practices you may have used on any of the total fruit acres on this operation. (Include bearing and non-bearing acreage of both target and non-target fruit crops grown.) By pests, we mean insects, weeds, and diseases.

YES - [Continue.]

No - [Go to item 5.]

CODE

- 1. Was weather data used to assist in determining either the need or when to make pesticide applications? ... 600 YES = 1
2. Were any biological pesticides such as Bt (Bacillus thuringiensis), insect growth regulators (Courier, intrepid, etc.), neem or other natural/biological based products sprayed or applied to manage pests? ... 601 YES = 1
3. Were pesticides with different mechanisms of action rotated or tank mixed for the primary purpose of keeping pests from becoming resistant to pesticides? ... 602 YES = 1
4. In 20XX, how were your fruit acres primarily scouted for insects, weeds, diseases and/or beneficial organisms? ... 608
5. Was an established scouting process used (systemic sampling, recording counts, insect traps, etc.) on any fruit acres? ... 609 YES = 1
6. Was scouting for pests done on these fruit acres due to-- a. a pest advisory warning? ... 610 YES = 1 b. a pest development model? ... 611 YES = 1

| 1 | 2 |
|--|----------------|
| [If column 1 is YES, ask---] | |
| Who did the majority of the scouting for [column 1]— | |
| 1 Operator, partner or family member 2 An employee 3 Farm supply or chemical dealer 4 Independent crop consultant or commercial scout | |
| 7. Were your fruit acres scouted for --- | YES = 1 |
| a. weeds?..... | 612 614 |
| b. insects or mites?..... | 615 617 |
| c. disease?..... | 618 620 |

| | YES = 1 | CODE |
|--|----------------|-------------|
| 8. Were written or electronic records kept to track the activity or numbers of weeds, insects or diseases?..... | YES = 1 | 623 _____ |
| 9. Was scouting data compared to published information on infestation thresholds to determine when to take measures to manage pests?..... | YES = 1 | 624 _____ |
| 10. Was field mapping data used for making pest management decisions?..... | YES = 1 | 625 _____ |
| 11. Were the services of a diagnostic laboratory used for pest identification or soil or plant tissue pest analysis?..... | YES = 1 | 626 _____ |
| 12. Were crop residues (including drops, rotting fruit and/or debris) removed to manage pests?..... | YES = 1 | 627 _____ |
| 13. Were ground covers, mulches, or other physical barriers maintained to manage pest problems?..... | YES = 1 | 629 _____ |
| 14. Were any beneficial organisms (insects, nematodes, fungi) applied or released to manage pests?..... | YES = 1 | 636 _____ |
| 15. Were floral lures, attractants, repellants, pheromone traps or other biological pest controls used on any fruit acres?..... | YES = 1 | 637 _____ |
| 16. Were any fruit acres cultivated for weed control during the growing season?..... | YES = 1 | 640 _____ |
| 17. Were field edges, lanes, ditches, roadways or fence lines chopped, mowed, plowed, or burned to manage pests on any fruit acres?..... | YES = 1 | 642 _____ |
| 18. Were equipment and implements cleaned after completing field work to reduce the spread of pests?..... | YES = 1 | 643 _____ |
| 19. Were any fruit acres irrigated for the 20XX crops?..... | YES = 1 | 644 _____ |
| a. [If item 20 is YES, ask---] | | |
| Were water management practices (excluding chemigation) such as irrigation scheduling, controlled drainage, or treatment of retention water used to manage pests?..... | YES = 1 | 645 _____ |

| COMPLETION CODE for FERTILIZER APPLICATIONS | |
|---|-----|
| 1 Incomp/R 3 Valid Zero | 200 |

| COMPLETION CODE for PESTICIDE APPLICATIONS | |
|--|-----|
| 1 Incomp/R 3 Valid Zero | 300 |

| COMPLETION CODE for PEST MANAGEMENT PRACTICES | |
|---|-----|
| 1 Incomp/R | 500 |

CONCLUSION

SURVEY RESULTS

1. To receive the complete results of this survey on the release date, go to www.nass.usda.gov/results/.
 Would you rather have a brief summary
 mailed to you at a later date?

CODE

9990

YES = 1

[Thank the respondent, then review this questionnaire.]

ENDING TIME [MILITARY].

005

**OFFICE USE
TIME IN HOURS**

| |
|-----|
| 006 |
|-----|

SUPPLEMENT USE

Record the total number of supplements used to complete this interview.

Fertilizer Supplements.

Pesticide Supplements.

NUMBER

| |
|-----|
| 067 |
| 068 |

| | | |
|--------------------|-------------------------|------------------------------|
| Reported by: _____ | 9910 M M D D Y Y | 9911 Telephone: _____ |
|--------------------|-------------------------|------------------------------|

| Response | | Respondent | | Mode | | Enum | Eval | Date MM DD YY | R Unit | Change | Optional |
|---------------|------|-------------|------|-------------|------|------|------|------------------|----------------------------|--------|----------|
| 1-Comp | 9901 | 1- Op/Mgr | 9902 | 2-Tel | 9903 | 9998 | 9900 | 9910 | 9921 | 9985 | 9906 |
| 2-R | | 2-Sp | | 3-Face-to - | | | | | Office Use for POID | | |
| 3-Inac | | 3-Acct/Bkpr | | Face | | | | | 99789 | | |
| 4-Office Hold | | 4-Partner | | | | | | __ __ 15 | - - - - - | | |
| S/E Name | | | | | | | | | | | |