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| **FRUIT CHEMICAL USE SURVEY** | | | |
|  | OMB No. 0535-0218  Approval Expires: xx/xx/xxxx  Project Code: 141 QID: 002009  SMetaKey: 1241 | | |
|  |
| **SURVEY_LOGO_1:USDA_logo_bw.gif** | **http://nassnet/miso/PRIME_Center/Communication_Guidelines/Official_Logos/NASS%20Graphic/nass_logo_bw.jpg** | **NATIONAL**  **AGRICULTURAL**  **STATISTICS**  **SERVICE** |

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|  |  |  |  |  |  | National Agricultural Statistics Service  U.S Department of Agriculture  NOC Division  9700 Page Avenue, Suite 400  St. Louis, MO 63132-1547  Phone: 1-888-424-7828  Fax: 314-595-9990  E-mail: nass@nass.usda.gov |

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| **VERSION**  **01** | **POID**  **\_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_** | **SUBTRACT**  **\_\_\_ \_\_\_** |  |

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| CONTACT RECORD | | |
| DATE | TIME | NOTES |
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| **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. |

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| **BEGINNING TIME** [MILITARY]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 004  \_\_ \_\_ \_\_ \_\_ |
| [*Name, address and partners verified and updated if necessary.*] | |

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| 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*.] |

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| 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*.] |

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| 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*.] |

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| 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.*] |

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|  | **SCREENING** |  |

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| 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.*] | |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
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| 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** |
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| **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 |

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|  | **TARGET CROPS & CODES** |  |

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| **FLORIDA** | |  |  | |  | **OREGON** | |
| **313** | **Grapefruit** |  | **NEW JERSEY** | |  | **101** | **Apples** |
| **325** | **Oranges, All** |  | **305** | **Blueberries** |  | **304** | **Blackberries** |
| **339** | **Tangerines** |  | **330** | **Peaches** |  | **305** | **Blueberries** |
|  | **Other crops** |  |  | **Other crops** |  | **307** | **Cherries, Sweet** |
|  |  |  |  | |  | **331** | **Pears** |
|  | |  |  | |  | **335** | **Raspberries** |
| **GEORGIA** | |  | **NEW YORK** | |  |  |  |
| **305** | **Blueberries** |  | **101** | **Apples** |  |  | |
| **330** | **Peaches** |  | **308** | **Cherries, Tart** |  |  | |
|  | **Other crops** |  | **314** | **Grapes, All** |  |  | |
|  | |  |  | **Other crops** |  | **SOUTH CAROLINA** | |
| **MICHIGAN** | |  |  | |  | **330** | **Peaches** |
| **Other crops** | |  |  | |  |  | **Other crops** |
| **101** | **Apples** |  |  | |  |  | |
| **305** | **Blueberries** |  | **NORTH CAROLINA** | |  |  | |
| **307** | **Cherries, Sweet** |  | **101** | **Apples** |  | **TEXAS** | |
| **308** | **Cherries, Tart** |  | **305** | **Blueberries** |  |  | **Other cropst** |
| **330** | **Peaches** |  |  | **Other crops** |  | **313** | **Grapefruit** |
|  |  |  |  | |  | **330** | **Peaches** |
|  | |  |  | |  | **OTHER STATES** | |
|  | |  |  | |  | Other Crops | |
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|  | **CHANGE IN OPERATING STATUS** |  |

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

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| 2. Has the operation printed on this questionnaire been combined or merged with any other farming operations? |
| Yes - [Go to "Conclusion".]  No - [Continue.] |

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|  | **CALIFORNIA SCREENING** |  |

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| 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.*] | | | | | | | | | | | | | | | | | | |
|  | | | | | **COUNTY** | | |  | | **NUMBER** | | | | | | | | | |
| a. What are these other ID numbers?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | |  |  | |  | |  | |  | | |  | |  | |  |
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| 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 ( ) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | | | | | | | | | | |

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| 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 (\_\_\_\_\_\_) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |

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| **A** | **LAND OPERATED** | **A** |

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| **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  **. \_\_\_** | |

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| **B** | **FRUIT ACREAGE** | **B** |

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|  | | 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** | | | 199 |
|  | |  | | | | | | |
|  | |  | | | | | | | | | | | |
|  | **1** | | **2** | **3** | **5** | **6** | | **7** | | | **8** | | | |
| **L**  **I**  **N**  **E** | **CROP** | | **CROP CODE** | **How many**  **BEARING**  **acres of** [*crop*]  **did this**  **operation**  **have?** | **Were any commercial fertilizers applied to this crop** | **Were any herbicides, insecticides, fungicides, etc. applied to**  **this crop?** | | **On what date**  **did you complete**  **harvest of your**  **20XX crop year**  [*crop*]**?** | | | **On what date**  **did you complete**  **harvest of your**  **20XX crop year**  [*crop*]**?** | | | |
|  | |  | **ACRES** | **[YES = 1]** | **[YES = 1]** | | **MM DD YY** | | | **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 | | | |
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| **CALIFORNIA CROP CODES** | | | | | | | |
| 301 | **APPLES** |  | **GRAPES** | 330 | **KIWIFRUIT** | 341 | **PEARS** |
| 303  305 | **APRICOTS**  **AVOCADOS** | 424 | RAISIN TYPE VARIEITES  (include all uses for  Thompson Seedless variety) | 331  333 | **LEMONS**  **NECTARINES** | 342  343 | **PLUMS**  **PRUNES** |
| 312 | **CHERRIES, SWEET** | 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** |  |  |

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| **B** | **FRUIT ACREAGE** | **B** |

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| **L**  **I**  **N**  **E** | **CAL – EPA SITE LOCATION NUMBER**  **(*if required*)** | | | | | | |
| **01** |  |  |  | |  |  |  |
| **02** |  |  |  | |  |  |  |
| **03** |  |  |  | |  |  |  |
| **04** |  |  |  | |  |  |  |
| **05** |  |  |  | |  |  |  |
| **06** |  |  |  | |  |  |  |
| **07** |  |  |  | |  |  |  |
| **08** |  |  |  | |  |  |  |
| **09** |  |  |  | |  |  |  |
| **10** |  |  |  | |  |  |  |
| **11** |  |  |  | |  |  |  |
| **12** |  |  |  | |  |  |  |
| **13** |  |  |  | |  |  |  |
| **14** |  |  |  | |  |  |  |
| **15** |  |  |  | |  |  |  |
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| **INCLUDES AND EXCLUDES** | | | | | | | |
| **INCLUDE:** | | | | **EXCLUDE:** | | | |
| TARGET CROPS ONLY. | | | | All crops grown in another state. | | | |
| All commercial acreage equal to or greater than one tenth of a bearing acre. | | | | Non-commercial orchard and vineyard acreage (*home garden*). | | | |
| All bearing acreage for processing or fresh market. | | | | All TARGET CROPS grown by institutional, experimental, research and  university farms. | | | |
| All bearing acreage for roadside stands, farmer’s markets or U-pick sales. | | | | Non-target fruits. | | | |
| Bearing acreage not harvested due to weather, economic or other reasons. | | | | Abandoned orchards and vineyards. | | | |
| Crops planted in the fall of 20XX if they were part of the 20XX crop. | | | | New plantings and other plantings which are not yet bearing. | | | |

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| **B** | **FRUIT ACREAGE** | **B** |

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| 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.*) |  | **TABLE**  **001** |
| **OFFICE USE**  **LINES IN TABLE** | |
| **LINE 99** | **199** |
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|  | **1** | | **2** | **3** | **5** | **6** |  |  |
| **L**  **I**  **N**  **E** | **CROP** | | **CROP**  **CODE** | **How many**  **BEARING**  **acres of** [*crop*]  **did this**  **operation**  **have?** | **Were any commercial fertilizers applied to this crop** | **Were any herbicides, insecticides, fungicides, etc. applied to this crop?** |  |  |
| **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.* |
|  |  | |  | **ACRES** | **[YES = 1** | **[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 |  |  |
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| **NOTES: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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|  | **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** |  |  |
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| **C** | **FERTILIZER APPLICATIONS** | **C** |

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|  | | **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 (i*rrigation*  *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 | | |  |
|  | | | | | | | | | | | | | | | |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | | **8** | | **9** | | | **10** | |
| **L**  **I**  **N**  **E** | **CROP** | **CROP**  **CODE** | **N**  **I**  **T**  **R**  **O**  **G**  **E**  **N**  **N** | **P**  **H**  **O**  **S**  **P**  **H**  **A**  **T**  **E**  **P205** | **P**  **O**  **T**  **A**  **S**  **H**  **K20** | **S**  **U**  **L**  **F**  **U**  **R**  **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*]  **ACRES** | | | **How**  **many**  **times**  **was it**  **applied?**  **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 | |

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| **D** | **PESTICIDE APPLICATIONS** | **D** |

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| 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, nematicides  or miticides** 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** |
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| 5. [**ENUMERATION ACTION:** *If ALL items 1 – 4 are NO, go to Section* ***E****, page 14; else continue*.] | | |

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| **D** | **PESTICIDE APPLICATIONS** | **D** |

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| [**ENUMERATOR NOTE:** *If pesticides were reported in Section B, column 6, continue. Otherwise, skip to Section E.*] | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | |
| 6. Now I need to get complete information on all of the chemicals applied, including applications made by you and/or by custom applicators during the 20XX crop year to each of the **target** **fruit** **crops** you grew. **Let’s start with the first application to your** [*crop*] **since the 20XX** **crop year harvest.** [*Complete the table for all chemical applications to the target fruit crops*. *Use supplemental tables if necessary.*](***Include*** *herbicides, insecticides, nematicides, miticides, fungicides, chemical thinners, growth regulators, microbial agents, pheromones, rodenticides, and soil fumigants.* ***Exclude*** *seed treatments, foliar applications of nutrients, and applications made to fruits after harvest.*) | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | **OFFICE USE**  **LINES IN TABLE** | | | | **TABLE** | | **001** | | **LINE**  **99** | | 399 |
|  | | | | | | | | | | | | | | | | | | |
|  | | |  | 1 | | | 2 | | 3 | | | | 4 | | | | 5 | |
| **CHEMICAL**  **PRODUCT NAME** | | | **L**  **I**  **N**  **E** | **CROP** | | | **CROP**  **CODE** | | **What products**  **were applied**  **to the** [*crop*]?  [*Enter product code.*] | | | | **Was this**  **product**  **bought in**  **liquid or**  **dry form?**  [*Enter L or D.*] | | | | **Was this**  **part of a**  **tank mix?**  [*If tank mix, enter line number*  *of first product*  *in mix.*] | |
|  | | | **01** |  | | |  | | 61 | | | |  | | | | 63 | |
|  | | | **02** |  | | |  | | 61 | | | |  | | | | 63 | |
|  | | | **03** |  | | |  | | 61 | | | |  | | | | 63 | |
|  | | | **04** |  | | |  | | 61 | | | |  | | | | 63 | |
|  | | | **05** |  | | |  | | 61 | | | |  | | | | 63 | |
|  | | | **06** |  | | |  | | 61 | | | |  | | | | 63 | |
|  | | | **07** |  | | |  | | 61 | | | |  | | | | 63 | |
|  | | | **08** |  | | |  | | 61 | | | |  | | | | 63 | |
|  | | | **09** |  | | |  | | 61 | | | |  | | | | 63 | |
|  | | | **10** |  | | |  | | 61 | | | |  | | | | 63 | |
|  | | | **11** |  | | |  | | 61 | | | |  | | | | 63 | |
|  | | | **12** |  | | |  | | 61 | | | |  | | | | 63 | |
|  | | | **13** |  | | |  | | 61 | | | |  | | | | 63 | |
|  | | | **14** |  | | |  | | 61 | | | |  | | | | 63 | |
|  | | | **15** |  | | |  | | 61 | | | |  | | | | 63 | |
| [*For pesticides not listed in Respondent Booklet, specify*---] | | | | | | | | | | | | | | | | | | |
| **Line No.** |  | **Pesticide Type**  (*Herbicide, Insecticide, Fungicide, etc*.) | | |  | **Trade Name**  **and Formulation** | | | |  | **Form Purchased**  (*Liquid or Dry)* | | | |  | **EPA Reg. No.** | | |
|  |  |  | | |  |  | | | |  |  | | | |  |  | | |
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| **D** | **PESTICIDE APPLICATIONS** | **D** |

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|  | | | | | | | **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 (*Specify:* \_\_\_\_\_\_\_\_\_\_\_ ) | | | |  |  | | | |
|  | | | | | | | | | | | | | | | | | | | |
| **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.*]  **CODE** | | | **What percent of the**  **rows were covered?**  100 All Rows  50 Every Other Row  --- Other  [*Enter percent covered.*] | | **How many acres**  **were treated**  **with this product?**  [*Include bearing*  *acres only.*]  **BEARING ACRES** | | | | | | **When was**  **it applied?**  **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**  (*Herbicide, Insecticide, Fungicide, etc*.) | | | | | |  | **Trade Name**  **and Formulation** | |  | | **Form Purchased**  (*Liquid or Dry)* | | |  | **EPA Reg. No.** | |
| \_\_\_\_\_\_\_\_\_\_\_\_ | |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |  | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| \_\_\_\_\_\_\_\_\_\_\_\_ | |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |  | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| \_\_\_\_\_\_\_\_\_\_\_\_ | |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |  | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |

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| **E** | **PEST MANAGEMENT PRACTICES** | **E** |

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| 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.** |  |  |  |
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| **YES** - [*Continue*.] | | **No** - [*Go to item 5*.] | | | | |
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| 1. Was weather data used to assist in determining either the need or when to make pesticide applications?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | |  | | **CODE** |
| **YES = 1** | | 600 |
|  | | | |  | |  |
| 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?. . . . . . . . . . . . . . . . . | | | |  | |  |
| **YES = 1** | | 601 |
|  | | | |  | |  |
| 3. Were pesticides with different mechanisms of action rotated or tank  mixed for the primary purpose of keeping pests from becoming  resistant to pesticides?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | |  | |  |
| **YES = 1** | | 602 |
|  | | | | | |  |
| 4. In 20XX, how were your  fruit acres primarily scouted  for insects, weeds, diseases  and/or beneficial organisms?  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 1 By deliberately going to the fruit acres specifically  for scouting activities. (*Enter code 1 and go to item 6*.)  2 By conducting general observations while performing  routine tasks. (*Enter code 2 and go to item 8*.)  3 The fruit acres were not scouted.  (*Enter code 3 and go to item 11*.) | | . . . . . . . . . . . . . | | |  |
| 608 |
|  | | |  |
| 5. Was an established scouting process used (*systemic sampling,*  *recording counts, insect traps, etc*.) on any fruit acres?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | |  |  |
| **YES = 1** | 609 |
|  | | | | | |  |
| 6. Was scouting for pests done on these fruit acres due to--- | | | | | |  |
| a. a pest advisory warning?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | **YES = 1** | 610 |
| b. a pest development model?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | **YES = 1** | 611 |

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| **E** | **PEST MANAGEMENT PRACTICES** | **E** |

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| 1 | | **2** | | |
| 7. Were your fruit acres scouted for –-- | | [*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 | | |
|  | **YES = 1** | **CODE** | | |
| a. weeds?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 612 | 614 | | |
| b. insects or mites?. . . . . . . . . . . . . . . . . . . . . . | 615 | 617 | | |
| c. disease?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 618 | 620 | | |
|  | | | | **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 |

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|  | **COMPLETION CODE for FERTILIZER APPLICATIONS** | |  | **COMPLETION CODE for PESTICIDE APPLICATIONS** | |  | **COMPLETION CODE for**  **PEST MANAGEMENT PRACTICES** | |  |
|  | 1 Incomp/R  3 Valid Zero | 200 |  | 1 Incomp/R  3 Valid Zero | 300 |  | 1 Incomp/R | 500 |  |

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|  | **CONCLUSION** |  |

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| **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** |
| **YES = 1** | 9990 |
| [***Thank the respondent, then review this questionnaire.***] | | |
|  | |  |
| **ENDING TIME** [*MILITARY*]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | 005  **\_\_\_ \_\_\_ \_\_\_ \_\_\_** |
|  | | **OFFICE USE**  **TIME IN HOURS** |
|  | | 006  **. \_\_\_** |

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| **SUPPLEMENT USE** |  |
| Record the total number of supplements used to complete this interview. | **NUMBER** |
| Fertilizer Supplements. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 067 |
| Pesticide Supplements. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 068 |

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| Reported by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 9910  \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_  **M M D D Y Y** | 9911  Telephone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| **Response** | | **Respondent** | | **Mode** | | **Enum** | **Eval** | **Date**  **MM DD YY** | **R Unit** | **Change** | **Optional** |
| 1-Comp  2-R  3-Inac  4-Office Hold | 9901 | 1- Op/Mgr  2-Sp  3-Acct/Bkpr  4-Partner  9-Other | 9902 | 2-Tel  3-Face-to -  Face | 9903 | 9998 | 9900 | 9910  **\_\_ \_\_ \_\_ \_\_ 15** | 9921 | 9985 | 9906 |
| **Office Use for POID** | | |
| 99789  \_\_ \_\_ \_\_ - \_\_ \_\_ \_\_ - \_\_ \_\_ \_\_ | | |
| S/E Name | | | | | | | | | | | |

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