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| Project 141 QID 002009 | | | | | OMB No. 0535-0218 Approval Expires 12/31/2014 | | | | | | |
| SURVEY_LOGO_3:USDA_logo_bw.gif | | **2011** **FRUIT** **CHEMICAL USE SURVEY** | | | | | | | | SURVEY_LOGO_2:ERS Logo.bmp | **NATIONAL**  **AGRICULTURAL**  **STATISTICS**  **SERVICE** |
|  | **US Version** | |  |  | |  |  |  | U.S. Department of Agriculture,Rm 5030, South Building1400 Independence Ave., S.W.Washington, DC 20250-2000  Phone: 1-800-727-9540  Fax: 202-690-2090  Email: nass@nass.usda.gov  ENTERPRISE | | |
| **VERSION** | **ID** | | **SUBTRACT** |  | |  |  |  |  | | |
| **01** | \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ | | \_\_\_\_ \_\_\_\_ |  | |  |  |  |  | | |

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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. Authority for collection of information on the Fruit Chemical Use Survey is Title 7, Section 2204 of the U.S. Code. Under Title 7 of the U.S. Code and CIPSEA (Public Law 107-347), facts about your operation are kept **confidential** and used only for statistical purposes. Response is **voluntary**.  We encourage you to refer to your farm records during the interview. |

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| **BEGINNING TIME** [MILITARY]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | 004  \_\_ \_\_ \_\_ \_\_ |
|  |  | |
|  | Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  | Address \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  | Phone ( ) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  |  | |
|  | [Check if name and address are verified.] | |
|  | | |
| [*Read or show label to respondent to verify the name(s) and spelling. Make corrections or additions* ***on label****.*] | | |

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| 1. During 2011, 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 1, page 3*.] | **NO** - [*Continue*.] |

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| 2. During 2011, 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 1, page 3*.] | **NO** - [*Continue*.] |

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| 3. During 2011, 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 1, page 3*.] | **NO** - [*Continue*.] |

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| 4. During 2011, did this operation have any fruit acres  which were operated by a **management firm**?. . . . . . . . . . . . | **YES** - [*Go to item 1, page 3*.] | **NO** - [*Go to page 2.*] |

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|  | **CHANGE IN OPERATOR** | | | | |  |
| [**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 Conclusion, page 16*.] | | | | | | |
| **YES** - [*Enter code 1, complete name and address information below for new operator,*  *then go to Conclusion, page 16*.]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | **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* 2011 *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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|  | **SCREENING** |  |

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| 1. Did this operation grow any bearing acres of target fruit(s) during the 2011 crop year? (***Include*** *crops grown but abandoned*  *or lost. Refer to list on page 4,* ***TARGET CROPS & CODES****.*) | |
| **YES** - [*Go to item 2*.] | |
| **NO** - [*Write notes explaining situation and conclude interview.*] | |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
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| 2. Are the day-to-day decisions for this operation (*name on label*) made by – [*Check one*.] |  |
| one individual? [*Go to Section A*.] |  |
| a hired manager? [*Go to Section A*.] |  |
| 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* Section A*.*]  (*Partners jointly operate land and share in decision making.* ***Do not include*** *landlords and tenants as partners.*). . . . . . . . . . | **NUMBER** |
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| 4. Please identify the other person(s) in this partnership, then go to Section A.  [*Verify partners’ names and make necessary corrections if names have already been entered.*] | | | | | | | | | |
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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** | |
| **320** | **Grapefruit** |  | **NEW JERSEY** | |  | **301** | **Apples** |
| **335** | **Oranges, All** |  | **309** | **Blueberries** |  | **307** | **Blackberries** |
| **346** | **Tangelos** |  | **340** | **Peaches** |  | **309** | **Blueberries** |
| **349** | **Tangerines** |  |  | |  | **312** | **Cherries, Sweet** |
|  | |  |  | |  | **341** | **Pears** |
| **GEORGIA** | |  | **NEW YORK** | |  | **345** | **Raspberries** |
| **309** | **Blueberries** |  | **301** | **Apples** |  |  | |
| **340** | **Peaches** |  | **314** | **Cherries, Tart** |  |  | |
|  | |  | **324** | **Grapes, All** |  | **SOUTH CAROLINA** | |
| **MICHIGAN** | |  |  | |  | **340** | **Peaches** |
| **301** | **Apples** |  |  | |  |  | |
| **309** | **Blueberries** |  | **NORTH CAROLINA** | |  |  | |
| **312** | **Cherries, Sweet** |  | **301** | **Apples** |  | **TEXAS** | |
| **314** | **Cherries, Tart** |  | **309** | **Blueberries** |  | **320** | **Grapefruit** |
| **340** | **Peaches** |  |  | |  | **340** | **Peaches** |
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| **A** | **LAND OPERATED** | **A** |

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| **ACRES OPERATED** | | |
| 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*** *both target and non-target acres as well as 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 2011 crop year? (***Exclude*** *new plantings and other*  *plantings which are not yet bearing.*) |  | | | | | |
| **OFFICE USE**  **LINES IN TABLE** | | **TABLE**  **001** | **LINE**  **99** | | 199 |
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|  | **1** | **2** | **3** | **6** |  |  | |
| **L**  **I**  **N**  **E** | **CROP** | **CROP**  **CODE** | **How many**  **BEARING**  **acres of** [*crop*]  **did this**  **operation**  **have?** | **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 2010 if they*   *were part of the 2011 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]** |  |
| **01** |  |  | 11  **. \_\_\_** | 13 |  |
| **02** |  |  | 11  **. \_\_\_** | 13 |  |
| **03** |  |  | 11  **. \_\_\_** | 13 |  |
| **04** |  |  | 11  **. \_\_\_** | 13 |  |
| **05** |  |  | 11  **. \_\_\_** | 13 |  |
| **06** |  |  | 11  **. \_\_\_** | 13 |  |
| **07** |  |  | 11  **. \_\_\_** | 13 |  |
| **08** |  |  | 11  **. \_\_\_** | 13 |  |
| **09** |  |  | 11  **. \_\_\_** | 13 |  |
| **10** |  |  | 11  **. \_\_\_** | 13 |  |
| **11** |  |  | 11  **. \_\_\_** | 13 |  |
| **12** |  |  | 11  **. \_\_\_** | 13 |  |
| **13** |  |  | 11  **. \_\_\_** | 13 |  |
| **14** |  |  | 11  **. \_\_\_** | 13 |  |
| **15** |  |  | 11  **. \_\_\_** | 13 |  |  | |
|  | | | | | | |
| **NOTES:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | |
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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | |
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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 (2010) harvest, did you use **herbicides** on any of your bearing fruit acreage?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES** | **NO** |
|  |  |  |
| 2. Since last year’s (2010) harvest, did you use **insecticides, nematicides  or miticides** on any of your bearing fruit acreage?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES** | **NO** |
|  |  |  |
| 3. Since last year’s (2010) harvest, did you use any **fungicides or bactericides**  on any of your bearing fruit acreage?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES** | **NO** |
|  |  |  |
| 4. Since last year’s (2010) 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** |
|  |  |  |
| [**ENUMERATOR NOTE:** *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 2011 crop year to each of the **target** **fruit** **crops** you grew. **Let’s start with the first application to your** [*crop*] **since the 2010** **crop year harvest.** [*Complete the table for all chemical applications to the target fruit*. *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 fruit 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** | | | | | | **How many times**  **was it applied?**  **NUMBER** |
| **01** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **02** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **03** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **04** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **05** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **06** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **07** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **08** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **09** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **10** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **11** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **12** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **13** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **14** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **15** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| [*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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|  | | |  | 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.*] | |
|  | | | **16** |  | | | |  | | 61 | | | | |  | | | | 63 | |
|  | | | **17** |  | | | |  | | 61 | | | | |  | | | | 63 | |
|  | | | **18** |  | | | |  | | 61 | | | | |  | | | | 63 | |
|  | | | **19** |  | | | |  | | 61 | | | | |  | | | | 63 | |
|  | | | **20** |  | | | |  | | 61 | | | | |  | | | | 63 | |
|  | | | **21** |  | | | |  | | 61 | | | | |  | | | | 63 | |
|  | | | **22** |  | | | |  | | 61 | | | | |  | | | | 63 | |
|  | | | **23** |  | | | |  | | 61 | | | | |  | | | | 63 | |
|  | | | **24** |  | | | |  | | 61 | | | | |  | | | | 63 | |
|  | | | **25** |  | | | |  | | 61 | | | | |  | | | | 63 | |
|  | | | **26** |  | | | |  | | 61 | | | | |  | | | | 63 | |
|  | | | **27** |  | | | |  | | 61 | | | | |  | | | | 63 | |
|  | | | **28** |  | | | |  | | 61 | | | | |  | | | | 63 | |
|  | | | **29** |  | | | |  | | 61 | | | | |  | | | | 63 | |
|  | | | **30** |  | | | |  | | 61 | | | | |  | | | | 63 | |
|  | | | **31** |  | | | |  | | 61 | | | | |  | | | | 63 | |
|  | | | **32** |  | | | |  | | 61 | | | | |  | | | | 63 | |
|  | | | **33** |  | | | |  | | 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  12 GALLONS  13 QUARTS  14 PINTS  15 OUNCES, LIQUID  28 OUNCES, DRY | | | | 30 GRAMS  40 KILOGRAMS  41 LITERS  46 SPIRALS  47 PACKETS  50 OTHER (*Specify:* \_\_\_\_\_\_\_\_\_\_\_ ) | | | |  |  | | | |
|  | | | | | | | | | | | | | | | | | | | |
|  | 6 | | | **OR** | | 7 | | 8 | | | 9 | | 10 | | | | | | 11 |
| **L**  **I**  **N**  **E** | **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** | | | | | | **How many times**  **was it applied?**  **NUMBER** |
| **16** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **17** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **18** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **19** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **20** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **21** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **22** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **23** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **24** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **25** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **26** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **27** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **28** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **29** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **30** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **31** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **32** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **33** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| [*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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|  | | | |  | 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.*] | | |
|  | | | | **34** |  | | | |  | | 61 | | | | |  | | | | 63 | | |
|  | | | | **35** |  | | | |  | | 61 | | | | |  | | | | 63 | | |
|  | | | | **36** |  | | | |  | | 61 | | | | |  | | | | 63 | | |
|  | | | | **37** |  | | | |  | | 61 | | | | |  | | | | 63 | | |
|  | | | | **38** |  | | | |  | | 61 | | | | |  | | | | 63 | | |
|  | | | | **39** |  | | | |  | | 61 | | | | |  | | | | 63 | | |
|  | | | | **40** |  | | | |  | | 61 | | | | |  | | | | 63 | | |
|  | | | | **41** |  | | | |  | | 61 | | | | |  | | | | 63 | | |
|  | | | | **42** |  | | | |  | | 61 | | | | |  | | | | 63 | | |
|  | | | | **43** |  | | | |  | | 61 | | | | |  | | | | 63 | | |
|  | | | | **44** |  | | | |  | | 61 | | | | |  | | | | 63 | | |
|  | | | | **45** |  | | | |  | | 61 | | | | |  | | | | 63 | | |
|  | | | | **46** |  | | | |  | | 61 | | | | |  | | | | 63 | | |
|  | | | | **47** |  | | | |  | | 61 | | | | |  | | | | 63 | | |
|  | | | | **48** |  | | | |  | | 61 | | | | |  | | | | 63 | | |
|  | | | | **49** |  | | | |  | | 61 | | | | |  | | | | 63 | | |
|  | | | | **50** |  | | | |  | | 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.** | | | |
| \_\_\_\_\_\_\_\_\_\_\_\_ | |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | |
| \_\_\_\_\_\_\_\_\_\_\_\_ | |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | |
| \_\_\_\_\_\_\_\_\_\_\_\_ | |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | |
| **D** | **PESTICIDE APPLICATIONS** | | | | | | | | | | | | | | | | | | | | | **D** |

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|  | | | | | | | **CODES FOR COLUMN 8** | | | | | | | | |  | | | |
|  | | | | | | | 1 POUNDS  12 GALLONS  13 QUARTS  14 PINTS  15 OUNCES, LIQUID  28 OUNCES, DRY | | | | 30 GRAMS  40 KILOGRAMS  41 LITERS  46 SPIRALS  47 PACKETS  50 OTHER (*Specify:* \_\_\_\_\_\_\_\_\_\_\_ ) | | | |  |  | | | |
|  | | | | | | | | | | | | | | | | | | | |
|  | 6 | | | **OR** | | 7 | | 8 | | | 9 | | 10 | | | | | | 11 |
| **L**  **I**  **N**  **E** | **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** | | | | | | **How many times**  **was it applied?**  **NUMBER** |
| **34** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **35** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **36** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **37** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **38** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **39** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **40** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **41** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **42** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **43** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **44** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **45** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **46** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **47** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **48** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **49** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
| **50** | 65  . \_\_\_ \_\_\_ | | | | 73  . \_\_\_ \_\_\_ | | | 74 | | | 75 | | 77  . \_\_\_ | | | | | | 79 |
|  |  | | | |  | | |  | | |  | |  | | | | | |  |
| [*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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| **[Enumerator Action: *Were PESTICIDE APPLICATIONS reported in Section B, column 6 on page 6*?]** | | | | | | |
| **YES** - [*Continue*.] | | **No** - [*Go to item 4*.] | | | | |
|  | | | | | | |
| 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 2011, 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 5*.)  2 By conducting general observations while performing  routine tasks. (*Enter code 2 and go to item 7*.)  3 The fruit acres were not scouted.  (*Enter code 3 and go to item 10*.) | | . . . . . . . . . . . . . . | | |  |
| 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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| 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 |

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

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|  | | **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 2011 crops?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 644 |
| a. [*If item 19 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 PESTICIDE APPLICATIONS** | |  | **COMPLETION CODE for**  **PEST MANAGEMENT PRACTICES** | |  |
|  | 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** | 099 |
| [***Thank the respondent, then review this questionnaire.***] | | |
|  | |  |
| **ENDING TIME** [*MILITARY*]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | 005  **\_\_\_ \_\_\_ \_\_\_ \_\_\_** |
|  | | **OFFICE USE**  **TIME IN HOURS** |
|  | | 006  **. \_\_\_** |

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| **RECORD USE** | | **CODE** |
| Did respondent use operation records to report pesticide data?. . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 064 |
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| **SUPPLEMENT USE** | |  |
| Record the total number of supplements used to complete this interview. | | **NUMBER** |
| Pesticide Supplements. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | 068 |
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| Reported by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Telephone No. ( ) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| **Response** | | **Respondent** | | **Mode** | | **Enum** | **Eval** | **Date**  **MM DD YY** | **R Unit** | **Duplication**  **Adjustor** | **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 | 0098 | 0100 | 9910  **\_\_ \_\_ \_\_ \_\_ 11** | 0921 | 0922 | 0002 |
| **Office Use for POID** | | |
| 0789  \_\_ \_\_ \_\_ - \_\_ \_\_ \_\_ - \_\_ \_\_ \_\_ | | |
| S/E Name | | | | | | | | | | | |

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| 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. |