



# Farming and Pesticide Exposure Survey



Survey Research Center



1-7

Clinic Number: \_\_ - \_\_ - \_\_ - \_\_ - \_\_

**INSTRUCTIONS: PLEASE CHECK THE APPROPRIATE BOX OR FILL IN THE BLANK AS INDICATED.**

8-15

Today's Date: \_\_ \_\_ / \_\_ \_\_ / \_\_ \_\_ \_\_ \_\_  
Month Day Year

16\_

**1. After age 18, have you ever worked on a farm at least half time for more than 1 year?**1 ☐ No

Go to PESTICIDE USE SECTION on top of page 4.

2 ☐ Yes**How many years did you work as a farmer in each of the following decades?**  
(Put "0" if none or not applicable.)

| <u>Decade</u>  | <u>Number of years</u> | <u>How large was the farm (acres)?</u> | <u>Percent of time worked on a farm</u> | <u>Check here if you lived on a farm during this time</u> |
|----------------|------------------------|----------------------------------------|-----------------------------------------|-----------------------------------------------------------|
| Before 1930    | __ __ Years            | __ __ __ __ Acres                      | __ __ __ %                              | 1 <input type="checkbox"/>                                |
| 1930's         | __ __ Years            | __ __ __ __ Acres                      | __ __ __ %                              | 1 <input type="checkbox"/>                                |
| 1940's         | __ __ Years            | __ __ __ __ Acres                      | __ __ __ %                              | 1 <input type="checkbox"/>                                |
| 1950's         | __ __ Years            | __ __ __ __ Acres                      | __ __ __ %                              | 1 <input type="checkbox"/>                                |
| 1960's         | __ __ Years            | __ __ __ __ Acres                      | __ __ __ %                              | 1 <input type="checkbox"/>                                |
| 1970's         | __ __ Years            | __ __ __ __ Acres                      | __ __ __ %                              | 1 <input type="checkbox"/>                                |
| 1980's         | __ __ Years            | __ __ __ __ Acres                      | __ __ __ %                              | 1 <input type="checkbox"/>                                |
| 1990's         | __ __ Years            | __ __ __ __ Acres                      | __ __ __ %                              | 1 <input type="checkbox"/>                                |
| 2000 and after | __ __ Years            | __ __ __ __ Acres                      | __ __ __ %                              | 1 <input type="checkbox"/>                                |

1 ☐ Please check this box if you are currently a farmer.2 ☐ Please check this box if you are currently retired from farming.

107\_

**2. At any time you worked on a farm, what were the major income-producing crops and animals that you raised? (Mark all that apply.)**

108-110  
111-113  
114-116  
117-119  
120-122  
123-125  
126-128  
129-131  
132-134  
135-137  
138-140  
141-143  
144-145

- |                                                |                                             |                                               |
|------------------------------------------------|---------------------------------------------|-----------------------------------------------|
| 1 <input type="checkbox"/> No crops or animals | 1 <input type="checkbox"/> Christmas trees  | 1 <input type="checkbox"/> Potatoes           |
| 1 <input type="checkbox"/> Beef cattle         | 1 <input type="checkbox"/> Corn, popcorn    | 1 <input type="checkbox"/> Snapbeans          |
| 1 <input type="checkbox"/> Dairy cattle        | 1 <input type="checkbox"/> Corn, field corn | 1 <input type="checkbox"/> Sorghum            |
| 1 <input type="checkbox"/> Hogs/swine          | 1 <input type="checkbox"/> Corn, seed corn  | 1 <input type="checkbox"/> Soybeans           |
| 1 <input type="checkbox"/> Poultry             | 1 <input type="checkbox"/> Corn, sweet corn | 1 <input type="checkbox"/> Strawberries       |
| 1 <input type="checkbox"/> Sheep               | 1 <input type="checkbox"/> Cotton           | 1 <input type="checkbox"/> Sweet potatoes     |
| 1 <input type="checkbox"/> Eggs                | 1 <input type="checkbox"/> Cucumbers        | 1 <input type="checkbox"/> Tomatoes           |
| 1 <input type="checkbox"/> Other farm animals  | 1 <input type="checkbox"/> Grapes           | 1 <input type="checkbox"/> Tobacco            |
| 1 <input type="checkbox"/> Apples              | 1 <input type="checkbox"/> Green peppers    | 1 <input type="checkbox"/> Watermelon         |
| 1 <input type="checkbox"/> Alfalfa             | 1 <input type="checkbox"/> Hay              | 1 <input type="checkbox"/> Wheat              |
| 1 <input type="checkbox"/> Blueberries         | 1 <input type="checkbox"/> Oats             | 1 <input type="checkbox"/> Other fruit        |
| 1 <input type="checkbox"/> Cabbage             | 1 <input type="checkbox"/> Peaches          | 1 <input type="checkbox"/> Other vegetables   |
|                                                | 1 <input type="checkbox"/> Peanuts          | 1 <input type="checkbox"/> Other small grains |

146\_

**3. Did a veterinarian ever tell you that any livestock on any farm you may have worked on, had leukemia or lymphoma caused by a virus?**

- 1 ☐ No      2 ☐ Yes

**If yes,**

**Was it dairy cattle that were diagnosed with leukemia or lymphoma?**

- 1 ☐ No      2 ☐ Yes

**If yes, how many years ago did this first happen?**

- 1 ☐ Last 5 years      2 ☐ 6 to 10 years      3 ☐ 11 to 20 years      4 ☐ 21 or more years

**Was it beef cattle that were diagnosed with leukemia or lymphoma?**

- 1 ☐ No      2 ☐ Yes

**If yes, how many years ago did this first happen?**

- 1 ☐ Last 5 years      2 ☐ 6 to 10 years      3 ☐ 11 to 20 years      4 ☐ 21 or more years

**Was it chickens that were diagnosed with leukemia or lymphoma?**

- 1 ☐ No      2 ☐ Yes

**If yes, how many years ago did this first happen?**

- 1 ☐ Last 5 years      2 ☐ 6 to 10 years      3 ☐ 11 to 20 years      4 ☐ 21 or more years

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149\_

150\_

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#### 4. During which decade were you most active in working on a farm?

— — — — Decade

For that decade, please answer  
the following questions:



**How many days per year did you  
do the following activities?**

157\_

**Till the soil (plow, disk,  
cultivate) .....**

Never

1 to 10  
days11 to 30  
days31 to 100  
daysMore than  
100 days1 ☐2 ☐3 ☐4 ☐5 ☐

158\_

**Drive combines or other  
crop harvesters .....**

1 ☐2 ☐3 ☐4 ☐5 ☐

159\_

**Plant .....**

Never

1 to 5  
days6 to 25  
days26 to 50  
daysMore than  
50 days1 ☐2 ☐3 ☐4 ☐5 ☐

160\_

**Apply natural fertilizer  
(manure) .....**

1 ☐2 ☐3 ☐4 ☐5 ☐

161\_

**Apply chemical fertilizer .....**

1 ☐2 ☐3 ☐4 ☐5 ☐

162\_

**Hand pick crops .....**

1 ☐2 ☐3 ☐4 ☐5 ☐

**How many acres were planted on the farm(s) where you worked (whether or not  
you owned the farm)?**

163\_

1 ☐ None4 ☐ 50 to 199 acres7 ☐ 1,000 acres or more2 ☐ Less than 5 acres5 ☐ 200 to 499 acres3 ☐ 5 to 49 acres6 ☐ 500 to 999 acres

**How many poultry were there on the farm(s)?**

164\_

1 ☐ None4 ☐ 100 to 4997 ☐ 10,000 or more2 ☐ Less than 505 ☐ 500 to 9993 ☐ 50 to 996 ☐ 1,000 to 9,999

**How many livestock (other than poultry) were there on the farm(s)?**

165\_

1 ☐ None4 ☐ 100 to 4992 ☐ Less than 505 ☐ 500 to 9993 ☐ 50 to 996 ☐ 1,000 or more

## PESTICIDE USE SECTION

FOR THIS SECTION, PLEASE GIVE US YOUR BEST ESTIMATE FOR EACH RESPONSE.

- 166\_ 5. Have you ever *personally* mixed or applied *any* pesticides as part of your job? (Include crop, livestock, and structural insecticides, herbicides, fungicides, and fumigants. Include pesticides used for farm use, commercial application, and personal use in your home or garden.)

1 ☐ No

Please stop here. Survey is complete.

2 ☐ Yes

If yes,

How many *years* did you personally mix or apply pesticides?

- 167\_ 1 ☐ 1 year or less  
2 ☐ 2 to 5 years  
3 ☐ 6 to 10 years  
4 ☐ 11 to 20 years  
5 ☐ 21 to 30 years  
6 ☐ 31 years or more

During the years marked above, how many *days per year* did you personally mix or apply pesticides?

- 168\_ 1 ☐ 4 days or less  
2 ☐ 5 to 9 days  
3 ☐ 10 to 19 days  
4 ☐ 20 to 39 days  
5 ☐ 40 to 59 days  
6 ☐ 60 to 149 days  
7 ☐ 150 days or more

When pesticides require mixing, what percent of the time did *you* personally do the mixing?

- 169\_ 1 ☐ Never    2 ☐ Less than 50 % of the time    3 ☐ 50% or more of the time

What percent of the application did *you* personally do?

- 170\_ 1 ☐ Never    2 ☐ Less than 50 % of the time    3 ☐ 50% or more of the time

6. Please complete the following questions about your personal use of the specific pesticides listed below. We realize this is not a complete list of pesticides. We are interested in learning about those you are currently using as well as those you have personally used in the past. (Please answer "yes" or "no" to the use of each pesticide. If you answer yes, continue across the page with the other questions. If you answer no, please continue on with the next pesticide on the list.)

| Name of Pesticide                                                                 | Have you ever personally mixed or applied this pesticide?         | How many years did you personally mix or apply this pesticide?                                                                                                                                                                                                            | In an average year, when you personally used this pesticide, how many days did you use it?                                                                                                                                                                                                                            | When did you <i>first</i> personally use this pesticide?                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Herbicides (pesticides used to kill weeds)</b>                                 |                                                                   |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                       |
| 171-174<br><b>AAtrex, Atranex, or other <i>atrazine</i> products</b>              | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 175_<br><br>176-179<br><b>Banvel, Metambane, or other <i>dicamba</i> products</b> | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 180_<br><br>181-184<br><b>Bladex, Match, or other <i>cyanazine</i> products</b>   | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 185_<br><br>186-189<br><b>Dual, Cycle, or other <i>metolachlor</i> products</b>   | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 190_                                                                              |                                                                   |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                       |







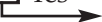





|                     | Name of Pesticide                                                      | Have you ever personally mixed or applied this pesticide?         | How many years did you personally mix or apply this pesticide?                                                                                                                                                                                                            | In an average year, when you personally used this pesticide, how many days did you use it?                                                                                                                                                                                                                            | When did you <i>first</i> personally use this pesticide?                                                                                                                                                                                                                                              |
|---------------------|------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 191-194<br><br>195_ | <b>Eradicane, Eptam, or other <i>EPTC</i> products</b>                 | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 196-199<br><br>200_ | <b>Lasso, Chemiclor, or other <i>alachlor</i> products</b>             | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 201-204<br><br>205_ | <b>Pursuit or other <i>imazethapyr</i> products</b>                    | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 206-209<br><br>210_ | <b>Roundup, Jury, or other <i>glyphosate</i> products</b>              | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 211-214<br><br>215_ | <b>Treflan, Trilin, Commence, or other <i>trifluralin</i> products</b> | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |



|                     | Name of Pesticide                                   | Have you ever personally mixed or applied this pesticide?             | How many years did you personally mix or apply this pesticide?                                                                                                                                                                                                            | In an average year, when you personally used this pesticide, how many days did you use it?                                                                                                                                                                                                                            | When did you <i>first</i> personally use this pesticide?                                                                                                                                                                                                                                              |
|---------------------|-----------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 216-219<br><br>220_ | <b>2,4-D</b>                                        | 1 <input type="checkbox"/> No<br><br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 221-224<br><br>225_ | <b>Classic or other chlorimuron ethyl products</b>  | 1 <input type="checkbox"/> No<br><br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 226-229<br><br>230_ | <b>Lexone, Sencor, or other metribuzin products</b> | 1 <input type="checkbox"/> No<br><br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 231-234<br><br>235_ | <b>Paraquat</b>                                     | 1 <input type="checkbox"/> No<br><br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 236-239<br><br>240_ | <b>Prowl or other pendimethalin products</b>        | 1 <input type="checkbox"/> No<br><br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |

|                                                     | Name of Pesticide                                                        | Have you ever personally mixed or applied this pesticide?         | How many years did you personally mix or apply this pesticide?                                                                                                                                                                                                            | In an average year, when you personally used this pesticide, how many days did you use it?                                                                                                                                                                                                                            | When did you <i>first</i> personally use this pesticide?                                                                                                                                                                                                                                              |
|-----------------------------------------------------|--------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 241-244                                             | <b>Silvex or other 2,4,5 T P products</b><br>(No longer on the market.)  | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s                                                                                    |
| 245-248                                             | <b>2,4,5 T</b><br>(No longer on the market.)                             | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s                                                                                    |
| <b>Crop, Nursery, Lawn, and Garden Insecticides</b> |                                                                          |                                                                   |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                       |
| 249-252                                             | <b>Ambush, Pounce, Asana, or other permethrin or pyrethroid products</b> | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 253_                                                |                                                                          |                                                                   |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                       |
| 254-257                                             | <b>Counter or other terbufos products</b>                                | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 258_                                                |                                                                          |                                                                   |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                       |
| 259-262                                             | <b>Dyfonate or other fonofos products</b>                                | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 263_                                                |                                                                          |                                                                   |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                       |

|                                                                    | Name of Pesticide                                                | Have you ever personally mixed or applied this pesticide?         | How many years did you personally mix or apply this pesticide?                                                                                                                                                                                                            | In an average year, when you personally used this pesticide, how many days did you use it?                                                                                                                                                                                                                            | When did you <i>first</i> personally use this pesticide?                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 264-267                                                            | <b>Dylox or other trichlorfon products</b>                       | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 268_                                                               |                                                                  |                                                                   |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                       |
| 269-272                                                            | <b>Furadan, Curaterr, or other carbofuran products</b>           | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 273_                                                               |                                                                  |                                                                   |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                       |
| <b>Crop/Poultry/Livestock/Animal Confinement Area Insecticides</b> |                                                                  |                                                                   |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                       |
| 274-277                                                            | <b>Lorsban, Dursban, or other chlorpyrifos products</b>          | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 278_                                                               |                                                                  |                                                                   |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                       |
| 279-282                                                            | <b>Co-Ral or other coumaphos products</b>                        | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 283_                                                               |                                                                  |                                                                   |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                       |
| 284-287                                                            | <b>Ectiban, Atroban, Permethrin or other permethrin products</b> | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 288_                                                               |                                                                  |                                                                   |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                       |

|                     | Name of Pesticide                                                   | Have you ever personally mixed or applied this pesticide?                                                                                              | How many years did you personally mix or apply this pesticide?                                                                                                                                                                                                            | In an average year, when you personally used this pesticide, how many days did you use it?                                                                                                                                                                                                                            | When did you <i>first</i> personally use this pesticide?                                                                                                                                                                                                                                                                                                                                  |
|---------------------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 289-292<br><br>293_ | <b>Vapona, Duravos, or other <i>dichlorvos</i> or DDVP products</b> | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes<br>   | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br><br>1 <input type="checkbox"/> Mark here if you used this pesticide last year.   |
| 294-297<br><br>298_ | <b>Forlin, Gamaphex, or other <i>lindane</i> products</b>           | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes<br>   | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br><br>1 <input type="checkbox"/> Mark here if you used this pesticide last year.   |
| 299-302<br><br>303_ | <b>Malathion</b>                                                    | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes<br> | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br><br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 304-307<br><br>308_ | <b>Parathion (ethyl or methyl)</b>                                  | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes<br> | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br><br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 309-312<br><br>313_ | <b>Sevin, Carbamine, or other <i>carbaryl</i> products</b>          | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes<br> | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br><br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |

|         | Name of Pesticide                                      | Have you ever personally mixed or applied this pesticide?         | How many years did you personally mix or apply this pesticide?                                                                                                                                                                                                            | In an average year, when you personally used this pesticide, how many days did you use it?                                                                                                                                                                                                                            | When did you <i>first</i> personally use this pesticide?                                                                                                                                                                                                                                              |
|---------|--------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 314-317 | <b>Spectricide, Dianon, or other diazinon products</b> | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 318_    |                                                        |                                                                   |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                       |
| 319-322 | <b>Temik or other aldicarb products</b>                | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 323_    |                                                        |                                                                   |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                       |
| 324-327 | <b>Thimet, Rampart, or other phorate products</b>      | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 328_    |                                                        |                                                                   |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                       |
| 329-332 | <b>Aldrin</b><br>(No longer on the market.)            | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s                                                                                    |
| 333-336 | <b>Chlordane</b><br>(No longer on the market.)         | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s                                                                                    |

|                                                                                                               | Name of Pesticide                                               | Have you ever personally mixed or applied this pesticide?         | How many years did you personally mix or apply this pesticide?                                                                                                                                                                                                            | In an average year, when you personally used this pesticide, how many days did you use it?                                                                                                                                                                                                                            | When did you <i>first</i> personally use this pesticide?                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 337-340                                                                                                       | <b>Dieldrin</b><br>(No longer on the market.)                   | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s                                                                                    |
| 341-344                                                                                                       | <b>DDT</b><br>(No longer on the market.)                        | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s                                                                                    |
| 345-348                                                                                                       | <b>Heptachlor</b><br>(No longer on the market.)                 | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s                                                                                    |
| 349-352                                                                                                       | <b>Toxaphene</b><br>(No longer on the market.)                  | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s                                                                                    |
| <b>Fumigants (gases or liquids that turn to gas when released, used in enclosed spaces, or to treat soil)</b> |                                                                 |                                                                   |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                       |
| 353-356                                                                                                       | <b>Brom-O-Gas, Brom-O-Sol, or other methyl bromide products</b> | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 357_                                                                                                          |                                                                 |                                                                   |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                       |

|                                                                                                     | Name of Pesticide                                                                                      | Have you ever personally mixed or applied this pesticide?         | How many years did you personally mix or apply this pesticide?                                                                                                                                                                                                            | In an average year, when you personally used this pesticide, how many days did you use it?                                                                                                                                                                                                                            | When did you <i>first</i> personally use this pesticide?                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 358-361<br><br>362_                                                                                 | <b>Phostoxin, Gastoxin, or other <i>aluminum phosphide</i> products</b>                                | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 363-366                                                                                             | <b>Carbon tetra-chloride/carbon disulfide (80/20 mix) (No longer on the market.)</b>                   | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s                                                                                    |
| 367-370                                                                                             | <b>EDB, E-D-Bee, Bromofume, or other <i>ethylene dibromide</i> products (No longer on the market.)</b> | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s                                                                                    |
| <b>Fungicides (chemicals for controlling disease on crops and seed; may be pre-applied to seed)</b> |                                                                                                        |                                                                   |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                       |
| 371-374<br><br>375_                                                                                 | <b>Bravo, Evade, Daconil 2787, or other <i>chlorothalonil</i> products</b>                             | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 376-379<br><br>380_                                                                                 | <b>Orthocide, Clomitan, or other <i>captan</i> products</b>                                            | 1 <input type="checkbox"/> No<br>2 <input type="checkbox"/> Yes → | 1 <input type="checkbox"/> 1 year or less<br>2 <input type="checkbox"/> 2 to 5 years<br>3 <input type="checkbox"/> 6 to 10 years<br>4 <input type="checkbox"/> 11 to 20 years<br>5 <input type="checkbox"/> 21 to 30 years<br>6 <input type="checkbox"/> 31 years or more | 1 <input type="checkbox"/> Less than 5 days<br>2 <input type="checkbox"/> 5 to 9 days<br>3 <input type="checkbox"/> 10 to 19 days<br>4 <input type="checkbox"/> 20 to 39 days<br>5 <input type="checkbox"/> 40 to 59 days<br>6 <input type="checkbox"/> 60 to 149 days<br>7 <input type="checkbox"/> 150 days or more | 1 <input type="checkbox"/> Before 1960<br>2 <input type="checkbox"/> In the 1960s<br>3 <input type="checkbox"/> In the 1970s<br>4 <input type="checkbox"/> In the 1980s<br>5 <input type="checkbox"/> In the 1990s<br>↓<br>1 <input type="checkbox"/> Mark here if you used this pesticide last year. |



|         | Name of Pesticide                                                                      | Have you ever personally mixed or applied this pesticide? | How many years did you personally mix or apply this pesticide? | In an average year, when you personally used this pesticide, how many days did you use it? | When did you <i>first</i> personally use this pesticide?                   |
|---------|----------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| 381-384 | <b>Benlate, Tersan, or other <i>benomyl</i> products</b>                               | 1 <input type="checkbox"/> No                             | 1 <input type="checkbox"/> 1 year or less                      | 1 <input type="checkbox"/> Less than 5 days                                                | 1 <input type="checkbox"/> Before 1960                                     |
| 385_    |                                                                                        | 2 <input type="checkbox"/> Yes →                          | 2 <input type="checkbox"/> 2 to 5 years                        | 2 <input type="checkbox"/> 5 to 9 days                                                     | 2 <input type="checkbox"/> In the 60s                                      |
|         |                                                                                        |                                                           | 3 <input type="checkbox"/> 6 to 10 years                       | 3 <input type="checkbox"/> 10 to 19 days                                                   | 3 <input type="checkbox"/> In the 1970s                                    |
|         |                                                                                        |                                                           | 4 <input type="checkbox"/> 11 to 20 years                      | 4 <input type="checkbox"/> 20 to 39 days                                                   | 4 <input type="checkbox"/> In the 1980s                                    |
|         |                                                                                        |                                                           | 5 <input type="checkbox"/> 21 to 30 years                      | 5 <input type="checkbox"/> 40 to 59 days                                                   | 5 <input type="checkbox"/> In the 1990s                                    |
|         |                                                                                        |                                                           | 6 <input type="checkbox"/> 31 years or more                    | 6 <input type="checkbox"/> 60 to 149 days                                                  | ↓                                                                          |
|         |                                                                                        |                                                           |                                                                | 7 <input type="checkbox"/> 150 days or more                                                | 1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 386-389 | <b>Manex, Manzate, Dithane Z-78, or other <i>maneb</i> or <i>mancozeb</i> products</b> | 1 <input type="checkbox"/> No                             | 1 <input type="checkbox"/> 1 year or less                      | 1 <input type="checkbox"/> Less than 5 days                                                | 1 <input type="checkbox"/> Before 1960                                     |
| 390_    |                                                                                        | 2 <input type="checkbox"/> Yes →                          | 2 <input type="checkbox"/> 2 to 5 years                        | 2 <input type="checkbox"/> 5 to 9 days                                                     | 2 <input type="checkbox"/> In the 1960s                                    |
|         |                                                                                        |                                                           | 3 <input type="checkbox"/> 6 to 10 years                       | 3 <input type="checkbox"/> 10 to 19 days                                                   | 3 <input type="checkbox"/> In the 1970s                                    |
|         |                                                                                        |                                                           | 4 <input type="checkbox"/> 11 to 20 years                      | 4 <input type="checkbox"/> 20 to 39 days                                                   | 4 <input type="checkbox"/> In the 1980s                                    |
|         |                                                                                        |                                                           | 5 <input type="checkbox"/> 21 to 30 years                      | 5 <input type="checkbox"/> 40 to 59 days                                                   | 5 <input type="checkbox"/> In the 1990s                                    |
|         |                                                                                        |                                                           | 6 <input type="checkbox"/> 31 years or more                    | 6 <input type="checkbox"/> 60 to 149 days                                                  | ↓                                                                          |
|         |                                                                                        |                                                           |                                                                | 7 <input type="checkbox"/> 150 days or more                                                | 1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 391-394 | <b>Ridomil, Subdue, or other <i>metalaxyl</i> products</b>                             | 1 <input type="checkbox"/> No                             | 1 <input type="checkbox"/> 1 year or less                      | 1 <input type="checkbox"/> Less than 5 days                                                | 1 <input type="checkbox"/> Before 1960                                     |
| 395_    |                                                                                        | 2 <input type="checkbox"/> Yes →                          | 2 <input type="checkbox"/> 2 to 5 years                        | 2 <input type="checkbox"/> 5 to 9 days                                                     | 2 <input type="checkbox"/> In the 1960s                                    |
|         |                                                                                        |                                                           | 3 <input type="checkbox"/> 6 to 10 years                       | 3 <input type="checkbox"/> 10 to 19 days                                                   | 3 <input type="checkbox"/> In the 1970s                                    |
|         |                                                                                        |                                                           | 4 <input type="checkbox"/> 11 to 20 years                      | 4 <input type="checkbox"/> 20 to 39 days                                                   | 4 <input type="checkbox"/> In the 1980s                                    |
|         |                                                                                        |                                                           | 5 <input type="checkbox"/> 21 to 30 years                      | 5 <input type="checkbox"/> 40 to 59 days                                                   | 5 <input type="checkbox"/> In the 1990s                                    |
|         |                                                                                        |                                                           | 6 <input type="checkbox"/> 31 years or more                    | 6 <input type="checkbox"/> 60 to 149 days                                                  | ↓                                                                          |
|         |                                                                                        |                                                           |                                                                | 7 <input type="checkbox"/> 150 days or more                                                | 1 <input type="checkbox"/> Mark here if you used this pesticide last year. |
| 396-399 | <b>Zirex, Corozate, or other <i>ziram</i> products</b>                                 | 1 <input type="checkbox"/> No                             | 1 <input type="checkbox"/> 1 year or less                      | 1 <input type="checkbox"/> Less than 5 days                                                | 1 <input type="checkbox"/> Before 1960                                     |
| 400_    |                                                                                        | 2 <input type="checkbox"/> Yes →                          | 2 <input type="checkbox"/> 2 to 5 years                        | 2 <input type="checkbox"/> 5 to 9 days                                                     | 2 <input type="checkbox"/> In the 1960s                                    |
|         |                                                                                        |                                                           | 3 <input type="checkbox"/> 6 to 10 years                       | 3 <input type="checkbox"/> 10 to 19 days                                                   | 3 <input type="checkbox"/> In the 1970s                                    |
|         |                                                                                        |                                                           | 4 <input type="checkbox"/> 11 to 20 years                      | 4 <input type="checkbox"/> 20 to 39 days                                                   | 4 <input type="checkbox"/> In the 1980s                                    |
|         |                                                                                        |                                                           | 5 <input type="checkbox"/> 21 to 30 years                      | 5 <input type="checkbox"/> 40 to 59 days                                                   | 5 <input type="checkbox"/> In the 1990s                                    |
|         |                                                                                        |                                                           | 6 <input type="checkbox"/> 31 years or more                    | 6 <input type="checkbox"/> 60 to 149 days                                                  | ↓                                                                          |
|         |                                                                                        |                                                           |                                                                | 7 <input type="checkbox"/> 150 days or more                                                | 1 <input type="checkbox"/> Mark here if you used this pesticide last year. |

401\_ Please list any other significant pesticide exposures you would like to tell us about.

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**7. What application methods do you generally use when you apply crop insecticides?**  
(Mark all that apply.)

- |         |                                                               |                                                          |
|---------|---------------------------------------------------------------|----------------------------------------------------------|
| 402:406 | 1 <input type="checkbox"/> Don't usually apply                | 1 <input type="checkbox"/> Backpack sprayer              |
| :407    | crop insecticides                                             | 1 <input type="checkbox"/> Aerial (aircraft application) |
| 403:408 | 1 <input type="checkbox"/> Airblast                           | 1 <input type="checkbox"/> In furrow or banded           |
| 404:409 | 1 <input type="checkbox"/> Boom or tractor, truck, or trailer | 1 <input type="checkbox"/> Mist blower/fogger            |
| 405:410 | 1 <input type="checkbox"/> Hand spray gun                     | 1 <input type="checkbox"/> Other, please specify: _____  |

**8. What application methods do you generally use when you apply poultry/livestock/animal confinement area insecticides?** (Mark all that apply.)

- |         |                                                                   |                                                         |
|---------|-------------------------------------------------------------------|---------------------------------------------------------|
| 411:417 | 1 <input type="checkbox"/> Don't usually apply poultry/livestock/ | 1 <input type="checkbox"/> Spray animals                |
| :418    | animal confinement area insecticides                              | 1 <input type="checkbox"/> Spray buildings              |
| 412:419 | 1 <input type="checkbox"/> Ear tag                                | 1 <input type="checkbox"/> Rope wick                    |
| 413:420 | 1 <input type="checkbox"/> Hang pest strips in barn               | 1 <input type="checkbox"/> Pour on animals              |
| 414:421 | 1 <input type="checkbox"/> Dust animals                           | 1 <input type="checkbox"/> Other, please specify: _____ |
| 415:    | 1 <input type="checkbox"/> Fog/mist animals                       |                                                         |
| 416:    | 1 <input type="checkbox"/> Dip animals in pesticide solution      | _____                                                   |

**9. What application methods do you generally use when you apply fungicides?**  
(Mark all that apply.)

- |         |                                                               |                                                          |
|---------|---------------------------------------------------------------|----------------------------------------------------------|
| 422:426 | 1 <input type="checkbox"/> Don't usually apply                | 1 <input type="checkbox"/> Backpack sprayer              |
| :427    | fungicides                                                    | 1 <input type="checkbox"/> Aerial (aircraft application) |
| 423:428 | 1 <input type="checkbox"/> Airblast                           | 1 <input type="checkbox"/> Pre-applied to seed           |
| 424:429 | 1 <input type="checkbox"/> Boom or tractor, truck, or trailer | 1 <input type="checkbox"/> Mist blower/fogger            |
| 425:430 | 1 <input type="checkbox"/> Hand spray gun                     | 1 <input type="checkbox"/> Other, please specify: _____  |

**10. What application methods do you generally use when you apply fumigants?**  
(Mark all that apply.)

- |         |                                                          |                                                         |
|---------|----------------------------------------------------------|---------------------------------------------------------|
| 431:433 | 1 <input type="checkbox"/> Don't usually apply fumigants | 1 <input type="checkbox"/> Row fumigation               |
| 432:434 | 1 <input type="checkbox"/> Gas canister                  | 1 <input type="checkbox"/> Other, please specify: _____ |

**11. When you personally mix herbicides, what additives do you generally use?**  
(Mark all that apply.)

- |         |                                                        |                                                               |
|---------|--------------------------------------------------------|---------------------------------------------------------------|
| 435:438 | 1 <input type="checkbox"/> Don't mix herbicides        | 1 <input type="checkbox"/> Fertilizer                         |
| 436:439 | 1 <input type="checkbox"/> Don't usually use additives | 1 <input type="checkbox"/> Other pesticides                   |
| 437:440 | 1 <input type="checkbox"/> Solvents (like diesel fuel) | 1 <input type="checkbox"/> Surfactants, crop oil concentrates |
| :441    |                                                        | 1 <input type="checkbox"/> Other, please specify: _____       |

**12. When you personally mix crop insecticides, what additives do you generally use?**  
(Mark all that apply.)

- |         |                                                        |                                                               |
|---------|--------------------------------------------------------|---------------------------------------------------------------|
| 442:445 | 1 <input type="checkbox"/> Don't mix crop insecticides | 1 <input type="checkbox"/> Fertilizer                         |
| 443:446 | 1 <input type="checkbox"/> Don't usually use additives | 1 <input type="checkbox"/> Other pesticides                   |
| 444:447 | 1 <input type="checkbox"/> Solvents (like diesel fuel) | 1 <input type="checkbox"/> Surfactants, crop oil concentrates |
| :448    |                                                        | 1 <input type="checkbox"/> Other, please specify: _____       |

13. When you personally mix animal/livestock/animal confinement area insecticides, what additives do you generally use? (Mark all that apply.)

- 449\_ 1 ☐ Don't mix animal/livestock/animal confinement area insecticides  
 450\_ 1 ☐ Don't usually use additives  
 451\_ 1 ☐ Solvents (like diesel fuel)  
 452\_ 1 ☐ Other pesticides

14. When you personally mix fungicides, what additives do you generally use? (Mark all that apply.)

- 453:456 1 ☐ Don't mix fungicides  
 454:457 1 ☐ Don't usually use additives  
 455:458 1 ☐ Solvents (like diesel fuel)  
 1 ☐ Fertilizer  
 1 ☐ Other pesticides  
 1 ☐ Surfactants, crop oil concentrates

15. How often, if ever, have you had the following symptoms that you think may be related to your using pesticides?

|                                      | Never or<br>rarely         | Sometimes                  | Frequently/<br>almost<br>always |
|--------------------------------------|----------------------------|----------------------------|---------------------------------|
| 459_ Been excessively tired .....    | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/>      |
| 460_ Had headaches/dizziness .....   | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/>      |
| 461_ Had nausea or vomiting .....    | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/>      |
| 462_ Had skin irritation .....       | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/>      |
| 463_ Had eye irritation .....        | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/>      |
| 464_ Had chest discomfort .....      | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/>      |
| 465_ Felt nervous or depressed ..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/>      |

16. As a result of *using pesticides*, how often have you:

|                               | Never                      | Once                       | Twice                      | 3 or more<br>times         |
|-------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| 466_ seen a doctor? .....     | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | 4 <input type="checkbox"/> |
| 467_ been hospitalized? ..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | 4 <input type="checkbox"/> |

We welcome any comments you may wish to provide.

Thank you for taking time to participate in this survey!



