

NURSERY AND FLORICULTURE CHEMICAL USE SURVEY

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VERSION 01	POID _____	SUBTRACT ___	T-TYPE 0	TABLE 000	LINE 00
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CONTACT RECORD		
DATE	TIME	NOTES

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

We are collecting information on chemical applications for floriculture and nursery production and need your help to make the information as accurate as possible. Authority for collection of information is Title 7, Section 2204 of the U.S. Code. This information will be used to compile and publish estimates on chemical use in floriculture and nursery production. Under Title 7 of the U.S. Code and CIPSEA (Public Law 107-347), facts about your operation are kept **confidential** and used only for statistical purposes. Response is **voluntary**.

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

1. **Were your total gross sales of floriculture crops greater than \$10,000 in 20XX?**
 YES NO
2. **Were your total gross sales of nursery crops and/or Christmas trees greater than \$10,000 in 20XX?**
 YES NO

[ENUMERATOR NOTE: If items 1 and 2 are NO, conclude the interview.]

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

POID _____	POID _____
PARTNER NAME	PARTNER NAME
ADDRESS	ADDRESS
CITY STATE ZIP PHONE NUMBER	CITY STATE ZIP PHONE NUMBER
POID _____	POID _____
PARTNER NAME	PARTNER NAME
ADDRESS	ADDRESS
CITY STATE ZIP PHONE NUMBER	CITY STATE ZIP PHONE NUMBER

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB number is 0535-0244. The time required to complete this information collection is estimated to average 60 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

CHEMICAL APPLICATIONS

These questions are about pesticide and chemical (*excluding fertilizer*) applications.

1. In **20XX**, for your floriculture and/or nursery operation, were any insecticides, herbicides, fungicides, nematocides, miticides, growth regulators, rooting compounds, soil fumigants or other chemicals applied?

YES – [Complete table below.] **NO** – [Go to item 1 on page 18.]

[ENUMERATOR NOTE: In order to combine applications (column 10 greater than 1), the product/formulation, to what and where mostly applied, areas treated in size, amount applied, rate of application, method of application, and who made the application, **MUST** all be the same.]

OFFICE USE	1 Incomplete	314	OFFICE USE				
EDIT TABLE	3 Valid Zero		LINES IN TABLE	T-TYPE 1	TABLE 001	LINE 99	101

PRODUCTION CATEGORY CODES FOR COLUMN 4

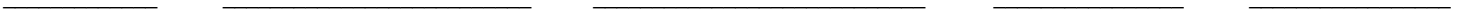
LOCATION CODES FOR COLUMN 5

NURSERY	FLORICULTURE	
1 Transplants for commercial vegetable and strawberry production	13 Cut flowers	1 Greenhouse (<i>enclosed</i>)
2 Propagative nursery material or lining-out stock	14 Flowering plants (<i>potted</i>)	2 Shade Structure (<i>frames, slat, saran, cloth, screen, non-enclosed greenhouse, etc.</i>)
3 Broadleaf evergreens	15 Bedding plants (<i>flats, potted, hanging</i>)	3 Natural Shade Area (<i>palm, citrus, etc.</i>)
4 Coniferous evergreens	16 Foliage plants (<i>potted or hanging</i>)	4 In The Open Production Area
5 Deciduous shade trees	17 Propagative floriculture material	5 Perimeter (<i>non-production areas</i>)
6 Deciduous flowering trees	18 Cut cultivated greens	
7 Deciduous shrubs	19 Herbaceous perennials (<i>potted</i>)	
8 Fruit and nut plants	20 Non-production area	
9 Christmas trees		
10 Palms		
11 Ornamental grasses		
12 Other woody ornamentals and vines		
20 Non-production area		

	1	2	3	4	5
L I N E	What products were applied?	Was this product bought in liquid or dry form?	Was this part of a tank mix? <small>[If tank mix, enter line number of first product in mix.]</small>	What was this chemical mostly applied to? <small>[Enter code from above.]</small>	Where was this product mostly applied? <small>[Enter code from above.]</small>
CHEMICAL PRODUCT NAME	<small>[Enter product code.]</small>	<small>[Enter L or D.]</small>	CODE	CODE	CODE
_____	01	301	302	303	304
_____	02	301	302	303	304
_____	03	301	302	303	304
_____	04	301	302	303	304
_____	05	301	302	303	304
_____	06	301	302	303	304
_____	07	301	302	303	304
_____	08	301	302	303	304
_____	09	301	302	303	304
_____	10	301	302	303	304
_____	11	301	302	303	304
_____	12	301	302	303	304

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

Line No.	Pesticide Type <small>(Herbicide, Insecticide, Fungicide, etc.)</small>	Tradename and Formulation	Form Purchased <small>(Liquid or Dry)</small>	EPA No.
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CHEMICAL APPLICATIONS

UNIT CODES FOR COLUMN 9

METHOD CODES FOR COLUMN 11

APPLICATOR CODES FOR COLUMN 12

1	Pounds	28	Dry Ounces
12	Gallons	30	Grams
13	Quarts	40	Kilograms
14	Pints	41	Liters
15	Liquid Ounces	42	Milliliters
20	Teaspoons	50	Other, bags, WSP, etc.
21	Tablespoons		(Specify unit & weight _____)

1	Hand held back pack sprayer
2	Hand held wand/gun/boom from power hydraulic sprayers
3	Hand held granular shakers
4	Hand held granular rotary applicator (whirly bird, belly grinder)
5	Hand held foggers
6	Dusting
7	Overhead rail sprayers (track sprayers)
8	Root ball/container/cutting/flower dip
9	Drench
10	Stationary fogger, aerosols, misters, electrostatic sprayers, smokers
11	Tractor powered boom sprayer
12	Tractor powered air blast or mister
13	Aerial application
14	Chemigation
15	Machine injection, branded, broadcast, knifed in
16	Other, (Specify _____)

1	Licensed operator/employee pesticide applicator
2	Unlicensed operator/employee under the direction of licensed applicator
3	Hired custom applicator (Not an employee of operation)
4	Other, (Specify: _____)

[ENUMERATOR NOTE: CHEMICAL APPLICATIONS –when completing columns 6, 7 & 8 complete either columns 6 and 7 or columns 6 and 8 or columns 7 and 8.]

LINE	6 How much area was treated?		7 What was the total amount applied per application?		8 How much was applied per acre OR per 1,000 square feet per application?		9 UNIT [Enter code from above.]	10 How many times was this applied?	11 How was this product applied? [Enter code from above.]	12 Who made the application(s)? [Enter code from above.]
	ACRES	OR SQUARE FEET	307	308	OR RATE PER 1,000 SQUARE FEET	309	CODE	NUMBER	CODE	CODE
01	305	306	307	308	309	310	311	312	313	
02	305	306	307	308	309	310	311	312	313	
03	305	306	307	308	309	310	311	312	313	
04	305	306	307	308	309	310	311	312	313	
05	305	306	307	308	309	310	311	312	313	
06	305	306	307	308	309	310	311	312	313	
07	305	306	307	308	309	310	311	312	313	
08	305	306	307	308	309	310	311	312	313	
09	305	306	307	308	309	310	311	312	313	
10	305	306	307	308	309	310	311	312	313	
11	305	306	307	308	309	310	311	312	313	
12	305	306	307	308	309	310	311	312	313	

NOTES AND CALCULATIONS:

CHEMICAL APPLICATIONS

PRODUCTION CATEGORY CODES FOR COLUMN 4

LOCATION CODES FOR COLUMN 5

NURSERY		FLORICULTURE	
1	Transplants for commercial vegetable and strawberry production	13	Cut flowers
2	Propagative nursery material or lining-out stock	14	Flowering plants (<i>potted</i>)
3	Broadleaf evergreens	15	Bedding plants (<i>flats, potted, hanging</i>)
4	Coniferous evergreens	16	Foliage plants (<i>potted or hanging</i>)
5	Deciduous shade trees	17	Propagative floriculture material
6	Deciduous flowering trees	18	Cut cultivated greens
7	Deciduous shrubs	19	Herbaceous perennials (<i>potted</i>)
8	Fruit and nut plants	20	Non-production area
9	Christmas trees		
10	Palms		
11	Ornamental grasses		
12	Other woody ornamentals and vines		
20	Non-production area		

	1	2	3	4	5
LINE	What products were applied?	Was this product bought in liquid or dry form?	Was this part of a tank mix?	What was this chemical mostly applied to?	Where was this product mostly applied?
CHEMICAL PRODUCT NAME	[Enter product code.]	[Enter L or D.]	[If tank mix, enter line number of first product in mix.]	CODE	CODE
	13	301	302	303	304
	14	301	302	303	304
	15	301	302	303	304
	16	301	302	303	304
	17	301	302	303	304
	18	301	302	303	304
	19	301	302	303	304
	20	301	302	303	304
	21	301	302	303	304
	22	301	302	303	304
	23	301	302	303	304

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

Line No.	Pesticide Type <small>(Herbicide, Insecticide, Fungicide, etc.)</small>	Tradename and Formulation	Form Purchased <small>(Liquid or Dry)</small>	EPA No.

CHEMICAL APPLICATIONS

UNIT CODES FOR COLUMN 9

METHOD CODES FOR COLUMN 11

APPLICATOR CODES FOR COLUMN 12

[ENUMERATOR NOTE: CHEMICAL APPLICATIONS –when completing columns 6, 7 & 8 complete either columns 6 and 7 or columns 6 and 8 or columns 7 and 8.]

L I N E	6 How much area was treated?		7 What was the total amount applied per application?		8 How much was applied per acre OR per 1,000 square feet per application?		9 UNIT [Enter code from above.]	10 How many times was this applied?	11 How was this product applied? [Enter code from above.]	12 Who made the application(s)? [Enter code from above.]
	ACRES	O R SQUARE FEET		RATE PER ACRE	O R RATE PER 1,000 SQUARE FEET		CODE	NUMBER	CODE	CODE
13	305 _____	306 _____	307 _____	308 _____	309 _____		310	311	312	313
14	305 _____	306 _____	307 _____	308 _____	309 _____		310	311	312	313
15	305 _____	306 _____	307 _____	308 _____	309 _____		310	311	312	313
16	305 _____	306 _____	307 _____	308 _____	309 _____		310	311	312	313
17	305 _____	306 _____	307 _____	308 _____	309 _____		310	311	312	313
18	305 _____	306 _____	307 _____	308 _____	309 _____		310	311	312	313
19	305 _____	306 _____	307 _____	308 _____	309 _____		310	311	312	313
20	305 _____	306 _____	307 _____	308 _____	309 _____		310	311	312	313
21	305 _____	306 _____	307 _____	308 _____	309 _____		310	311	312	313
22	305 _____	306 _____	307 _____	308 _____	309 _____		310	311	312	313
23	305 _____	306 _____	307 _____	308 _____	309 _____		310	311	312	313

NOTES AND CALCULATIONS:

CHEMICAL APPLICATIONS

PRODUCTION CATEGORY CODES FOR COLUMN 4

LOCATION CODES FOR COLUMN 5

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9	Christmas trees		
10	Palms		
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12	Other woody ornamentals and vines		
20	Non-production area		

1	Greenhouse (<i>enclosed</i>)
2	Shade Structure (<i>frames, slat, saran, cloth, screen, non-enclosed greenhouse, etc.</i>)
3	Natural Shade Area (<i>palm, citrus, etc.</i>)
4	In The Open Production Area
5	Perimeter (<i>non-production areas</i>)

	1	2	3	4	5
L I N E	What products were applied?	Was this product bought in liquid or dry form?	Was this part of a tank mix?	What was this chemical mostly applied to?	Where was this product mostly applied?
CHEMICAL PRODUCT NAME	[Enter product code.]	[Enter L or D.]	[If tank mix, enter line number of first product in mix.]	CODE	CODE
24	301		302	303	304
25	301		302	303	304
26	301		302	303	304
27	301		302	303	304
28	301		302	303	304
29	301		302	303	304
30	301		302	303	304
31	301		302	303	304
32	301		302	303	304
33	301		302	303	304
34	301		302	303	304

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

Line No.	Pesticide Type <small>(Herbicide, Insecticide, Fungicide, etc.)</small>	Tradename and Formulation	Form Purchased <small>(Liquid or Dry)</small>	EPA No.

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L I N E	6 How much area was treated?		7 What was the total amount applied per application?		8 How much was applied per acre OR per 1,000 square feet per Application?		9 UNIT [Enter code from above.]	10 How many times was this applied?	11 How was this product applied? [Enter code from above.]	12 Who made the application(s)? [Enter code from above.]				
	ACRES	O R	SQUARE FEET	307	308	O R	RATE PER 1,000 SQUARE FEET	CODE	NUMBER	CODE	CODE			
		306				309								
24	305	_____	306	307	_____	_____	308	_____	309	_____	310	311	312	313
25	305	_____	306	307	_____	_____	308	_____	309	_____	310	311	312	313
26	305	_____	306	307	_____	_____	308	_____	309	_____	310	311	312	313
27	305	_____	306	307	_____	_____	308	_____	309	_____	310	311	312	313
28	305	_____	306	307	_____	_____	308	_____	309	_____	310	311	312	313
29	305	_____	306	307	_____	_____	308	_____	309	_____	310	311	312	313
30	305	_____	306	307	_____	_____	308	_____	309	_____	310	311	312	313
31	305	_____	306	307	_____	_____	308	_____	309	_____	310	311	312	313
32	305	_____	306	307	_____	_____	308	_____	309	_____	310	311	312	313
33	305	_____	306	307	_____	_____	308	_____	309	_____	310	311	312	313
34	305	_____	306	307	_____	_____	308	_____	309	_____	310	311	312	313

NOTES AND CALCULATIONS:

CHEMICAL APPLICATIONS

PRODUCTION CATEGORY CODES FOR COLUMN 4

LOCATION CODES FOR COLUMN 5

NURSERY		FLORICULTURE	
1	Transplants for commercial vegetable and strawberry production	13	Cut flowers
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8	Fruit and nut plants	20	Non-production area
9	Christmas trees		
10	Palms		
11	Ornamental grasses		
12	Other woody ornamentals and vines		
20	Non-production area		

	1	2	3	4	5
LINE	What products were applied?	Was this product bought in liquid or dry form?	Was this part of a tank mix?	What was this chemical mostly applied to?	Where was this product mostly applied?
CHEMICAL PRODUCT NAME	[Enter product code.]	[Enter L or D.]	[If tank mix, enter line number of first product in mix.]	[Enter code from above.] CODE	[Enter code from above.] CODE
_____	35	301	302	303	304
_____	36	301	302	303	304
_____	37	301	302	303	304
_____	38	301	302	303	304
_____	39	301	302	303	304
_____	40	301	302	303	304
_____	41	301	302	303	304
_____	42	301	302	303	304
_____	43	301	302	303	304
_____	44	301	302	303	304
_____	45	301	302	303	304

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

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

CHEMICAL APPLICATIONS

UNIT CODES FOR COLUMN 9

METHOD CODES FOR COLUMN 11

APPLICATOR CODES FOR COLUMN 12

[ENUMERATOR NOTE: CHEMICAL APPLICATIONS –when completing columns 6, 7 & 8 complete either columns 6 and 7 or columns 6 and 8 or columns 7 and 8.]

LINE	6 How much area was treated?		7 What was the total amount applied per application?		8 How much was applied per acre OR per 1,000 square feet per application?		9 UNIT [Enter code from above.]	10 How many times was this applied?	11 How was this product applied? [Enter code from above.]	12 Who made the application(s)? [Enter code from above.]
	ACRES	OR	RATE PER ACRE	RATE PER 1,000 SQUARE FEET	OR	CODE	NUMBER	CODE	CODE	
		SQUARE FEET								
35	305 _____	306 _____	307 _____	308 _____	309 _____	310	311	312	313	
36	305 _____	306 _____	307 _____	308 _____	309 _____	310	311	312	313	
37	305 _____	306 _____	307 _____	308 _____	309 _____	310	311	312	313	
38	305 _____	306 _____	307 _____	308 _____	309 _____	310	311	312	313	
39	305 _____	306 _____	307 _____	308 _____	309 _____	310	311	312	313	
40	305 _____	306 _____	307 _____	308 _____	309 _____	310	311	312	313	
41	305 _____	306 _____	307 _____	308 _____	309 _____	310	311	312	313	
42	305 _____	306 _____	307 _____	308 _____	309 _____	310	311	312	313	
43	305 _____	306 _____	307 _____	308 _____	309 _____	310	311	312	313	
44	305 _____	306 _____	307 _____	308 _____	309 _____	310	311	312	313	
45	305 _____	306 _____	307 _____	308 _____	309 _____	310	311	312	313	

NOTES AND CALCULATIONS:

CHEMICAL APPLICATIONS

PRODUCTION CATEGORY CODES FOR COLUMN 4

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L I N E	What products were applied?	Was this product bought in liquid or dry form?	Was this part of a tank mix?	What was this chemical mostly applied to?	Where was this product mostly applied?
CHEMICAL PRODUCT NAME	[Enter product code.]	[Enter L or D.]	[If tank mix, enter line number of first product in mix.]	[Enter code from above.] CODE	[Enter code from above.] CODE
46	301		302	303	304
47	301		302	303	304
48	301		302	303	304
49	301		302	303	304
50	301		302	303	304
51	301		302	303	304
52	301		302	303	304
53	301		302	303	304
54	301		302	303	304
55	301		302	303	304
56	301		302	303	304

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

Line No.	Pesticide Type <small>(Herbicide, Insecticide, Fungicide, etc.)</small>	Tradename and Formulation	Form Purchased <small>(Liquid or Dry)</small>	EPA No.

CHEMICAL APPLICATIONS

UNIT CODES FOR COLUMN 9

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	ACRES	O R	SQUARE FEET	RATE PER ACRE	O R	RATE PER 1,000 SQUARE FEET	CODE	NUMBER	CODE	CODE		
46	305 _____		306 _____	307 _____		308 _____		309 _____	310	311	312	313
47	305 _____		306 _____	307 _____		308 _____		309 _____	310	311	312	313
48	305 _____		306 _____	307 _____		308 _____		309 _____	310	311	312	313
49	305 _____		306 _____	307 _____		308 _____		309 _____	310	311	312	313
50	305 _____		306 _____	307 _____		308 _____		309 _____	310	311	312	313
51	305 _____		306 _____	307 _____		308 _____		309 _____	310	311	312	313
52	305 _____		306 _____	307 _____		308 _____		309 _____	310	311	312	313
53	305 _____		306 _____	307 _____		308 _____		309 _____	310	311	312	313
54	305 _____		306 _____	307 _____		308 _____		309 _____	310	311	312	313
55	305 _____		306 _____	307 _____		308 _____		309 _____	310	311	312	313
56	305 _____		306 _____	307 _____		308 _____		309 _____	310	311	312	313

NOTES AND CALCULATIONS:

CHEMICAL APPLICATIONS

PRODUCTION CATEGORY CODES FOR COLUMN 4

LOCATION CODES FOR COLUMN 5

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CHEMICAL PRODUCT NAME	[Enter product code.]	[Enter L or D.]	[If tank mix, enter line number of first product in mix.]	[Enter code from above.] CODE	[Enter code from above.] CODE
_____	57	301	302	303	304
_____	58	301	302	303	304
_____	59	301	302	303	304
_____	60	301	302	303	304
_____	61	301	302	303	304
_____	62	301	302	303	304
_____	63	301	302	303	304
_____	64	301	302	303	304
_____	65	301	302	303	304
_____	66	301	302	303	304
_____	67	301	302	303	304

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

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

CHEMICAL APPLICATIONS

UNIT CODES FOR COLUMN 9

METHOD CODES FOR COLUMN 11

APPLICATOR CODES FOR COLUMN 12

[ENUMERATOR NOTE: CHEMICAL APPLICATIONS –when completing columns 6, 7 & 8 complete either columns 6 and 7 or columns 6 and 8 or columns 7 and 8.]

L I N E	6 How much area was treated?		7 What was the total amount applied per application?		8 How much was applied per acre OR per 1,000 square feet per application?		9 UNIT [Enter code from above.]	10 How many times was this applied?	11 How was this product applied? [Enter code from above.]	12 Who made the application(s)? [Enter code from above.]
	ACRES	O R SQUARE FEET	307	308	O R RATE PER ACRE	RATE PER 1,000 SQUARE FEET	CODE	NUMBER	CODE	CODE
57	305	306	307	308	309	310	311	312	313	
58	305	306	307	308	309	310	311	312	313	
59	305	306	307	308	309	310	311	312	313	
60	305	306	307	308	309	310	311	312	313	
61	305	306	307	308	309	310	311	312	313	
62	305	306	307	308	309	310	311	312	313	
63	305	306	307	308	309	310	311	312	313	
64	305	306	307	308	309	310	311	312	313	
65	305	306	307	308	309	310	311	312	313	
66	305	306	307	308	309	310	311	312	313	
67	305	306	307	308	309	310	311	312	313	

NOTES AND CALCULATIONS:

CHEMICAL APPLICATIONS

PRODUCTION CATEGORY CODES FOR COLUMN 4

LOCATION CODES FOR COLUMN 5

NURSERY		FLORICULTURE	
1	Transplants for commercial vegetable and strawberry production	13	Cut flowers
2	Propagative nursery material or lining-out stock	14	Flowering plants (<i>potted</i>)
3	Broadleaf evergreens	15	Bedding plants (<i>flats, potted, hanging</i>)
4	Coniferous evergreens	16	Foliage plants (<i>potted or hanging</i>)
5	Deciduous shade trees	17	Propagative floriculture material
6	Deciduous flowering trees	18	Cut cultivated greens
7	Deciduous shrubs	19	Herbaceous perennials (<i>potted</i>)
8	Fruit and nut plants	20	Non-production area
9	Christmas trees		
10	Palms		
11	Ornamental grasses		
12	Other woody ornamentals and vines		
20	Non-production area		

1	Greenhouse (<i>enclosed</i>)
2	Shade Structure (<i>frames, slat, saran, cloth, screen, non-enclosed greenhouse, etc.</i>)
3	Natural Shade Area (<i>palm, citrus, etc.</i>)
4	In The Open Production Area
5	Perimeter (<i>non-production areas</i>)

	1	2	3	4	5
L I N E	What products were applied?	Was this product bought in liquid or dry form?	Was this part of a tank mix?	What was this chemical mostly applied to?	Where was this product mostly applied?
CHEMICAL PRODUCT NAME	[Enter product code.]	[Enter L or D.]	[If tank mix, enter line number of first product in mix.]	CODE	CODE
68	301		302	303	304
69	301		302	303	304
70	301		302	303	304
71	301		302	303	304
72	301		302	303	304
73	301		302	303	304
74	301		302	303	304
75	301		302	303	304
76	301		302	303	304
77	301		302	303	304
78	301		302	303	304

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

Line No.	Pesticide Type <i>(Herbicide, Insecticide, Fungicide, etc.)</i>	Tradename and Formulation	Form Purchased <i>(Liquid or Dry)</i>	EPA No.

CHEMICAL APPLICATIONS

UNIT CODES FOR COLUMN 9

METHOD CODES FOR COLUMN 11

APPLICATOR CODES FOR COLUMN 12

[ENUMERATOR NOTE: CHEMICAL APPLICATIONS –when completing columns 6, 7 & 8 complete either columns 6 and 7 or columns 6 and 8 or columns 7 and 8.]

L I N E	6 How much area was treated?		7 What was the total amount applied per application?		8 How much was applied per acre OR per 1,000 square feet per application?		9 UNIT [Enter code from above.]	10 How many times was this applied?	11 How was this product applied? [Enter code from above.]	12 Who made the application(s)? [Enter code from above.]
	ACRES	O R SQUARE FEET	307	308	O R RATE PER ACRE	RATE PER 1,000 SQUARE FEET	CODE	NUMBER	CODE	CODE
68	305	306	307	308	309	310	311	312	313	
69	305	306	307	308	309	310	311	312	313	
70	305	306	307	308	309	310	311	312	313	
71	305	306	307	308	309	310	311	312	313	
72	305	306	307	308	309	310	311	312	313	
73	305	306	307	308	309	310	311	312	313	
74	305	306	307	308	309	310	311	312	313	
75	305	306	307	308	309	310	311	312	313	
76	305	306	307	308	309	310	311	312	313	
77	305	306	307	308	309	310	311	312	313	
78	305	306	307	308	309	310	311	312	313	

NOTES AND CALCULATIONS:

CHEMICAL APPLICATIONS

PRODUCTION CATEGORY CODES FOR COLUMN 4

NURSERY	FLORICULTURE
1 Transplants for commercial vegetable and strawberry production	13 Cut flowers
2 Propagative nursery material or lining-out stock	14 Flowering plants (<i>potted</i>)
3 Broadleaf evergreens	15 Bedding plants (<i>flats, potted, hanging</i>)
4 Coniferous evergreens	16 Foliage plants (<i>potted or hanging</i>)
5 Deciduous shade trees	17 Propagative floriculture material
6 Deciduous flowering trees	18 Cut cultivated greens
7 Deciduous shrubs	19 Herbaceous perennials (<i>potted</i>)
8 Fruit and nut plants	20 Non-production area
9 Christmas trees	
10 Palms	
11 Ornamental grasses	
12 Other woody ornamentals and vines	
20 Non-production area	

LOCATION CODES FOR COLUMN 5

1 Greenhouse (<i>enclosed</i>)
2 Shade Structure (<i>frames, slat, saran, cloth, screen, non-enclosed greenhouse, etc.</i>)
3 Natural Shade Area (<i>palm, citrus, etc.</i>)
4 In The Open Production Area
5 Perimeter (<i>non-production areas</i>)

	1	2	3	4	5
L I N E	What products were applied?	Was this product bought in liquid or dry form?	Was this part of a tank mix?	What was this chemical mostly applied to?	Where was this product mostly applied?
CHEMICAL PRODUCT NAME	[Enter product code.]	[Enter L or D.]	[If tank mix, enter line number of first product in mix.]	[Enter code from above.] CODE	[Enter code from above.] CODE
79	301		302	303	304
80	301		302	303	304
81	301		302	303	304
82	301		302	303	304
83	301		302	303	304
84	301		302	303	304
85	301		302	303	304
86	301		302	303	304
87	301		302	303	304
88	301		302	303	304
89	301		302	303	304

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

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

CHEMICAL APPLICATIONS

UNIT CODES FOR COLUMN 9

METHOD CODES FOR COLUMN 11

APPLICATOR CODES FOR COLUMN 12

[ENUMERATOR NOTE: CHEMICAL APPLICATIONS –when completing columns 6, 7 & 8 complete either columns 6 and 7 or columns 6 and 8 or columns 7 and 8.]

L I N E	6 How much area was treated?		7 What was the total amount applied per application?		8 How much was applied per acre OR per 1,000 square feet per application?		9 UNIT [Enter code from above.]	10 How many times was this applied?	11 How was this product applied? [Enter code from above.]	12 Who made the application(s)? [Enter code from above.]
	ACRES	O R SQUARE FEET	307	308	O R RATE PER ACRE	RATE PER 1,000 SQUARE FEET	CODE	NUMBER	CODE	CODE
79	305	306	307	308	309	310	311	312	313	
80	305	306	307	308	309	310	311	312	313	
81	305	306	307	308	309	310	311	312	313	
82	305	306	307	308	309	310	311	312	313	
83	305	306	307	308	309	310	311	312	313	
84	305	306	307	308	309	310	311	312	313	
85	305	306	307	308	309	310	311	312	313	
86	305	306	307	308	309	310	311	312	313	
87	305	306	307	308	309	310	311	312	313	
88	305	306	307	308	309	310	311	312	313	
89	305	306	307	308	309	310	311	312	313	

NOTES AND CALCULATIONS:

PEST MANAGEMENT PRACTICES

T-TYPE 0	TABLE 000	LINE 00
--------------------	---------------------	-------------------

1. In 20XX, did your operation scout or monitor for pests---

a. By conducting general observations while performing routine tasks?

YES – [Enter code 1 then go to item 2.] NO – [Continue with item 1b.]

CODE

320

b. By deliberately going to the growing areas specifically for scouting activities?

YES – [Enter code 1 then go to item 2.] NO – [Continue with item 2c.]

CODE

321

2. In 20XX, did your operation---

a. keep electronic or written records on weed, insect or disease levels? **YES = 1**

CODE

323

b. use pheromones to monitor insects by trapping? **YES = 1**

328

c. detect the presence of weeds, insects, diseases or pathogens by---

CODE

(i) soil analysis? **YES = 1**

324

(ii) plant tissue analysis? **YES = 1**

325

(iii) using trap indicator plants? **YES = 1**

326

(iv) inspecting incoming stock? **NA = 4. YES = 1**

327

(v) use of insect traps? **NA = 4. YES = 1**

355

d. use insect or disease resistant plant varieties? **NA = 4. YES = 1**

329

e. control weeds, insects or disease by---

CODE

(i) using beneficial organisms (*insects, nematodes or fungi*)? **YES = 1**

330

(ii) using biological pesticides (*BotaniGard, Conserve, Gnatrol, Nemasys, etc.*)? **YES = 1**

331

(iii) using trap vegetation? **YES = 1**

332

(iv) using pheromones to disrupt insect mating? **YES = 1**

333

(v) using water management practices such as controlled drainage or treatment of retention water? (*Exclude chemigation.*) **NA = 4. YES = 1**

334

(vi) pruning out or removing infected plants or plant parts? **YES = 1**

335

(vii) tilling, mowing, or burning of field or greenhouse borders, lanes, etc.? **YES = 1**

336

(viii) adjusting row spacing or direction? **NA = 4. YES = 1**

337

(ix) elevating plant? **NA = 4. YES = 1**

338

(x) adjusting plant density? **YES = 1**

339

(xi) use sterilized growing media? **NA = 4. YES = 1**

340

PEST MANAGEMENT PRACTICES

2. In **20XX**, did your operation---(continued)

e. control weeds, insect or diseases by---

CODE

(xii) sanitizing benches or other platform devices between uses?.....	NA = 4. YES = 1	341
(xiii) sanitizing ground covers between uses?.....	NA = 4. YES = 1	342
(xiv) sanitizing containers between uses?.....	NA = 4. YES = 1	343
(xv) modifying temperature?.....	NA = 4. YES = 1	344
(xvi) modifying hothouse/greenhouse relative humidity?.....	NA = 4. YES = 1	345
(xvii) using greenhouse ventilation?.....	NA = 4. YES = 1	346
(xviii) using greenhouse screening?.....	NA = 4. YES = 1	347
(xix) using plant tissue dryness management such as minimizing overhead irrigation to reduce leaf wetness time?.....	NA = 4. YES = 1	348
(xx) utilizing ground covers, mulches or other physical barriers such as gravel, weed mats, etc.?.....	NA = 4. YES = 1	349
(xxi) use of insect traps?.....	NA = 4. YES = 1	356
f. rotate or tank mix pesticides (use pesticides with different mechanisms of action) for the primary purpose of keeping pests from becoming resistant to pesticides?.....	YES = 1	350
g. monitor weather data to assist in determining when to make pesticide application decisions?.....	YES = 1	351

h. apply pesticides based **mostly** on---
[Enter one code.].....

- | |
|---|
| 1 PREVENTIVE SCHEDULE? |
| 2 SCOUTING DATA COMPARED TO UNIVERSITY OR EXTENSION INFESTATION GUIDELINES? |
| 3 SCOUTING DATA AND YOUR ESTABLISHED THRESHOLDS? |
| 4 OTHER? (Specify: _____) |

CODE

352

3. In **20XX**, where did your operation---

a. obtain **most** of its pesticides---
[Enter one code.].....

- | |
|-------------------------|
| CHEMICAL DEALER? |
| CHEMICAL MANUFACTURER? |
| OTHER? (Specify: _____) |

CODE

353

b. **mostly** get recommendations for pest control or pesticide use---
[Enter one code.].....

- | |
|--|
| 1 FARM SUPPLY DEALER/CHEMICAL DEALER |
| 2 UNIVERSITY/EXTENSION PERSONNEL/MATERIALS? |
| 3 COMMERCIAL SCOUTING SERVICE/CROP CONSULTANT/ PEST CONTROL ADVISOR? |
| 4 OTHER GROWERS/PRODUCERS? |
| 5 PRODUCER ASSOCIATION/NEWSLETTER/ TRADE MAGAZINE? |
| 6 EMPLOYEE PEST ADVISOR? |
| 7 CUSTOM APPLICATOR? |
| 8 OTHER? (Specify: _____) |

CODE

354

	COMPLETION CODE for PEST MANAGEMENT	
	1 Incomp/R	300
	3 Valid zero	

