

POID _____	POID _____
<i>PARTNER NAME</i>	<i>PARTNER NAME</i>
<i>ADDRESS</i>	<i>ADDRESS</i>
<i>CITY</i> <i>STATE</i> <i>ZIP</i> <i>PHONE NUMBER</i>	<i>CITY</i> <i>STATE</i> <i>ZIP</i> <i>PHONE NUMBER</i>

CHEMICAL APPLICATIONS

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

1. In 2006, for your floriculture and/or nursery operation, were any insecticides, herbicides, fungicides, nematicides, 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		TABLE	101
EDIT TABLE	3 Valid Zero		LINES IN TABLE	T-TYPE 1	001	LINE 99

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>)

	L I N E	1 What products were applied? [Enter product code.]	2 Was this product bought in liquid or dry form? [Enter L or D.]	3 Was this part of a tank mix? [If tank mix, enter line number of first product in mix.]	4 What was this chemical mostly applied to? [Enter code from above.] CODE	5 Where was this product mostly applied? [Enter code from above.] CODE
CHEMICAL PRODUCT NAME						
	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 <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		
1	Pounds	28 Dry Ounces	1	Hand held back pack sprayer		1	Licensed operator/employee pesticide applicator	
12	Gallons	30 Grams	2	Hand held wand/gun/boom from power hydraulic sprayers		2	Unlicensed operator/employee under the direction of licensed applicator	
13	Quarts	40 Kilograms	3	Hand held granular shakers		3	Hired custom applicator <i>(Not an employee of operation)</i>	
14	Pints	41 Liters	4	Hand held granular rotary applicator <i>(whirly bird, belly grinder)</i>		4	Other, <i>(Specify: _____)</i>	
15	Liquid Ounces	42 Milliliters	5	Hand held foggers				
20	Teaspoons	50 Other, bags, WSP, etc.	6	Dusting				
21	Tablespoons	<i>(Specify unit & weight _____)</i>	7	Overhead rail sprayers <i>(track sprayers)</i>				
			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, <i>(Specify _____)</i>				

[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 <i>[Enter code from above.]</i>	10 How many times was this applied?	11 How was this product applied? <i>[Enter code from above.]</i>	12 Who made the application(s)? <i>[Enter code from above.]</i>
	ACRES	OR SQUARE FEET		RATE PER ACRE	OR RATE PER 1,000 SQUARE FEET	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

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>)

	L I N E	1 What products were applied? [Enter product code.]	2 Was this product bought in liquid or dry form? [Enter L or D.]	3 Was this part of a tank mix? [If tank mix, enter line number of first product in mix.]	4 What was this chemical mostly applied to? [Enter code from above.] CODE	5 Where was this product mostly applied? [Enter code from above.] CODE
CHEMICAL PRODUCT NAME						
	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		
1	Pounds	28	Dry Ounces	1	Hand held back pack sprayer	1	Licensed operator/employee pesticide applicator	
12	Gallons	30	Grams	2	Hand held wand/gun/boom from power hydraulic sprayers	2	Unlicensed operator/employee under the direction of licensed applicator	
13	Quarts	40	Kilograms	3	Hand held granular shakers	3	Hired custom applicator <i>(Not an employee of operation)</i>	
14	Pints	41	Liters	4	Hand held granular rotary applicator <i>(whirly bird, belly grinder)</i>	4	Other, <i>(Specify: _____)</i>	
15	Liquid Ounces	42	Milliliters	5	Hand held foggers			
20	Teaspoons	50	Other, bags, WSP, etc.	6	Dusting			
21	Tablespoons		<i>(Specify unit & weight _____)</i>	7	Overhead rail sprayers <i>(track sprayers)</i>			
				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, <i>(Specify: _____)</i>			

[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 <i>[Enter code from above.]</i>	10 How many times was this applied?	11 How was this product applied? <i>[Enter code from above.]</i>	12 Who made the application(s)? <i>[Enter code from above.]</i>
	ACRES	OR SQUARE FEET		RATE PER ACRE	OR 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

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>)

	L I N E	1 What products were applied? [Enter product code.]	2 Was this product bought in liquid or dry form? [Enter L or D.]	3 Was this part of a tank mix? [If tank mix, enter line number of first product in mix.]	4 What was this chemical mostly applied to? [Enter code from above.] CODE	5 Where was this product mostly applied? [Enter code from above.] CODE
CHEMICAL PRODUCT NAME						
	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.
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

CHEMICAL APPLICATIONS

UNIT CODES FOR COLUMN 9			METHOD CODES FOR COLUMN 11			APPLICATOR CODES FOR COLUMN 12		
1	Pounds	28	Dry Ounces	1	Hand held back pack sprayer	1	Licensed operator/employee pesticide applicator	
12	Gallons	30	Grams	2	Hand held wand/gun/boom from power hydraulic sprayers	2	Unlicensed operator/employee under the direction of licensed applicator	
13	Quarts	40	Kilograms	3	Hand held granular shakers	3	Hired custom applicator <i>(Not an employee of operation)</i>	
14	Pints	41	Liters	4	Hand held granular rotary applicator <i>(whirly bird, belly grinder)</i>	4	Other, <i>(Specify: _____)</i>	
15	Liquid Ounces	42	Milliliters	5	Hand held foggers			
20	Teaspoons	50	Other, bags, WSP, etc.	6	Dusting			
21	Tablespoons		<i>(Specify unit & weight _____)</i>	7	Overhead rail sprayers <i>(track sprayers)</i>			
				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, <i>(Specify: _____)</i>			

[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 <i>[Enter code from above.]</i>	10 How many times was this applied?	11 How was this product applied? <i>[Enter code from above.]</i>	12 Who made the application(s)? <i>[Enter code from above.]</i>			
	ACRES	O R	SQUARE FEET	RATE PER ACRE	O R	RATE PER 1,000 SQUARE FEET	CODE	NUMBER	CODE	CODE		
	_____		_____	_____		_____	_____	_____	_____	_____		
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

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>)

	L I N E	1 What products were applied? [Enter product code.]	2 Was this product bought in liquid or dry form? [Enter L or D.]	3 Was this part of a tank mix? [If tank mix, enter line number of first product in mix.]	4 What was this chemical mostly applied to? [Enter code from above.] CODE	5 Where was this product mostly applied? [Enter code from above.] CODE
CHEMICAL PRODUCT NAME						
	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 <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	
1 Pounds	28 Dry Ounces	1 Hand held back pack sprayer		1 Licensed operator/employee pesticide applicator	
12 Gallons	30 Grams	2 Hand held wand/gun/boom from power hydraulic sprayers		2 Unlicensed operator/employee under the direction of licensed applicator	
13 Quarts	40 Kilograms	3 Hand held granular shakers		3 Hired custom applicator <i>(Not an employee of operation)</i>	
14 Pints	41 Liters	4 Hand held granular rotary applicator <i>(whirly bird, belly grinder)</i>		4 Other, <i>(Specify: _____)</i>	
15 Liquid Ounces	42 Milliliters	5 Hand held foggers			
20 Teaspoons	50 Other, bags, WSP, etc.	6 Dusting			
21 Tablespoons	<i>(Specify unit & weight _____)</i>	7 Overhead rail sprayers <i>(track sprayers)</i>			
		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, <i>(Specify: _____)</i>			

[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 <small>[Enter code from above.]</small>	10 How many times was this applied?	11 How was this product applied? <small>[Enter code from above.]</small>	12 Who made the application(s)? <small>[Enter code from above.]</small>
	ACRES	OR SQUARE FEET	RATE PER ACRE	OR	RATE PER 1,000 SQUARE FEET	CODE	NUMBER	CODE	CODE
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

LOCATION CODES FOR COLUMN 5

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

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

	L I N E	1 What products were applied? [Enter product code.]	2 Was this product bought in liquid or dry form? [Enter L or D.]	3 Was this part of a tank mix? [If tank mix, enter line number of first product in mix.]	4 What was this chemical mostly applied to? [Enter code from above.] CODE	5 Where was this product mostly applied? [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			METHOD CODES FOR COLUMN 11			APPLICATOR CODES FOR COLUMN 12		
1	Pounds	28	Dry Ounces	1	Hand held back pack sprayer	1	Licensed operator/employee pesticide applicator	
12	Gallons	30	Grams	2	Hand held wand/gun/boom from power hydraulic sprayers	2	Unlicensed operator/employee under the direction of licensed applicator	
13	Quarts	40	Kilograms	3	Hand held granular shakers	3	Hired custom applicator <i>(Not an employee of operation)</i>	
14	Pints	41	Liters	4	Hand held granular rotary applicator <i>(whirly bird, belly grinder)</i>	4	Other, <i>(Specify: _____)</i>	
15	Liquid Ounces	42	Milliliters	5	Hand held foggers			
20	Teaspoons	50	Other, bags, WSP, etc.	6	Dusting			
21	Tablespoons		<i>(Specify unit & weight _____)</i>	7	Overhead rail sprayers <i>(track sprayers)</i>			
				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, <i>(Specify: _____)</i>			

[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 <i>[Enter code from above.]</i>	10 How many times was this applied?	11 How was this product applied? <i>[Enter code from above.]</i>	12 Who made the application(s)? <i>[Enter code from above.]</i>		
	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

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>)

	L I N E	1 What products were applied? [Enter product code.]	2 Was this product bought in liquid or dry form? [Enter L or D.]	3 Was this part of a tank mix? [If tank mix, enter line number of first product in mix.]	4 What was this chemical mostly applied to? [Enter code from above.] CODE	5 Where was this product mostly applied? [Enter code from above.] CODE
CHEMICAL PRODUCT NAME						
	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 <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	
1 Pounds	28 Dry Ounces	1 Hand held back pack sprayer		1 Licensed operator/employee pesticide applicator	
12 Gallons	30 Grams	2 Hand held wand/gun/boom from power hydraulic sprayers		2 Unlicensed operator/employee under the direction of licensed applicator	
13 Quarts	40 Kilograms	3 Hand held granular shakers		3 Hired custom applicator <i>(Not an employee of operation)</i>	
14 Pints	41 Liters	4 Hand held granular rotary applicator <i>(whirly bird, belly grinder)</i>		4 Other, <i>(Specify: _____)</i>	
15 Liquid Ounces	42 Milliliters	5 Hand held foggers			
20 Teaspoons	50 Other, bags, WSP, etc.	6 Dusting			
21 Tablespoons	<i>(Specify unit & weight _____)</i>	7 Overhead rail sprayers <i>(track sprayers)</i>			
		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, <i>(Specify: _____)</i>			

[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 <i>[Enter code from above.]</i>	10 How many times was this applied?	11 How was this product applied? <i>[Enter code from above.]</i>	12 Who made the application(s)? <i>[Enter code from above.]</i>		
	ACRES	OR	SQUARE FEET	RATE PER ACRE	OR	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

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>)

	L I N E	1 What products were applied? [Enter product code.]	2 Was this product bought in liquid or dry form? [Enter L or D.]	3 Was this part of a tank mix? [If tank mix, enter line number of first product in mix.]	4 What was this chemical mostly applied to? [Enter code from above.] CODE	5 Where was this product mostly applied? [Enter code from above.] CODE
CHEMICAL PRODUCT NAME						
	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 <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	
1 Pounds	28 Dry Ounces	1 Hand held back pack sprayer	2 Hand held wand/gun/boom from power hydraulic sprayers	1 Licensed operator/employee pesticide applicator	
12 Gallons	30 Grams	3 Hand held granular shakers	4 Hand held granular rotary applicator <i>(whirly bird, belly grinder)</i>	2 Unlicensed operator/employee under the direction of licensed applicator	
13 Quarts	40 Kilograms	5 Hand held foggers	6 Dusting	3 Hired custom applicator <i>(Not an employee of operation)</i>	
14 Pints	41 Liters	7 Overhead rail sprayers <i>(track sprayers)</i>	8 Root ball/container/cutting/flower dip	4 Other, <i>(Specify: _____)</i>	
15 Liquid Ounces	42 Milliliters	9 Drench	10 Stationary fogger, aerosols, misters, electrostatic sprayers, smokers		
20 Teaspoons	50 Other, bags, WSP, etc.	11 Tractor powered boom sprayer	12 Tractor powered air blast or mister		
21 Tablespoons	<i>(Specify unit & weight _____)</i>	13 Aerial application	14 Chemigation		
		15 Machine injection, branded, broadcast, knifed in	16 Other, <i>(Specify: _____)</i>		

[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 <i>[Enter code from above.]</i>	10 How many times was this applied?	11 How was this product applied? <i>[Enter code from above.]</i>	12 Who made the application(s)? <i>[Enter code from above.]</i>
	ACRES	OR SQUARE FEET		RATE PER ACRE	OR 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>)
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6 Deciduous flowering trees	18 Cut cultivated greens
7 Deciduous shrubs	19 Herbaceous perennials (<i>potted</i>)
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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>)

	L I N E	1 What products were applied? [Enter product code.]	2 Was this product bought in liquid or dry form? [Enter L or D.]	3 Was this part of a tank mix? [If tank mix, enter line number of first product in mix.]	4 What was this chemical mostly applied to? [Enter code from above.] CODE	5 Where was this product mostly applied? [Enter code from above.] CODE
CHEMICAL PRODUCT NAME						
	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 <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	
1 Pounds	28 Dry Ounces	1 Hand held back pack sprayer		1 Licensed operator/employee pesticide applicator	
12 Gallons	30 Grams	2 Hand held wand/gun/boom from power hydraulic sprayers		2 Unlicensed operator/employee under the direction of licensed applicator	
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14 Pints	41 Liters	4 Hand held granular rotary applicator <i>(whirly bird, belly grinder)</i>		4 Other, <i>(Specify: _____)</i>	
15 Liquid Ounces	42 Milliliters	5 Hand held foggers			
20 Teaspoons	50 Other, bags, WSP, etc.	6 Dusting			
21 Tablespoons	<i>(Specify unit & weight _____)</i>	7 Overhead rail sprayers <i>(track sprayers)</i>			
		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, <i>(Specify: _____)</i>			

[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 <small>[Enter code from above.]</small>	10 How many times was this applied?	11 How was this product applied? <small>[Enter code from above.]</small>	12 Who made the application(s)? <small>[Enter code from above.]</small>
	ACRES	OR SQUARE FEET	RATE PER ACRE	OR	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	TABLE	LINE
0	000	00

1. In 2006, 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 2a]

CODE

321

2. In 2006, 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 matter? 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 plants? 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 2006, did your operation---(continued)

		CODE
e.	control weeds, insect or diseases by--	
	(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].	CODE 352

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

3. In 2006, where did your operation---

a.	obtain most of its pesticide--- [Enter one code].	<table border="1"> <tr> <td>1</td> <td>CHEMICAL DEALER?</td> </tr> <tr> <td>2</td> <td>CHEMICAL MANUFACTURER?</td> </tr> <tr> <td>3</td> <td>OTHER? (Specify _____)</td> </tr> </table>	1	CHEMICAL DEALER?	2	CHEMICAL MANUFACTURER?	3	OTHER? (Specify _____)	CODE 353
1	CHEMICAL DEALER?								
2	CHEMICAL MANUFACTURER?								
3	OTHER? (Specify _____)								
b.	mostly get recommendations for pest control or pesticide use--- [Enter one code].	<table border="1"> <tr> <td>1</td> <td>FARM SUPPLY DEALER/CHEMICAL DEALER</td> </tr> <tr> <td>2</td> <td>UNIVERSITY/EXTENSION PERSONNEL/MATERIALS?</td> </tr> </table>	1	FARM SUPPLY DEALER/CHEMICAL DEALER	2	UNIVERSITY/EXTENSION PERSONNEL/MATERIALS?	CODE 354		
1	FARM SUPPLY DEALER/CHEMICAL DEALER								
2	UNIVERSITY/EXTENSION PERSONNEL/MATERIALS?								

--	--	--

**COMPLETION CODE for PEST
MANAGEMENT**

1	Incomp/R	300
3	Valid zero	

CONCLUSION

1. **Would you like to receive a copy of the results of this survey in the mail?** CODE
(Results will also be available on the Internet at <http://www.nass.usda.gov/> YES = 1 099

[Thank the respondent then review this questionnaire.]

2. **Time spent collecting data-----** TOTAL TIME SPENT WITH OPERATOR or RESPONDENT

	TOTAL ENUMERATION TIME	TOTAL TIME SPENT WITH OPERATOR or RESPONDENT
	019	012

3. **SUPPLEMENTS USED** NUMBER
(Record the total number of chemical supplements used to complete this interview.) 014

4. **ENUMERATOR NOTE:** *Please list names, title and contact information if other people were contacted for assistance in completing this questionnaire. Please record their name, address and phone number below.]*

NAME/TITLE: _____
PHONE: _____
ADDRESS: _____

Respondent's Name: _____ Telephone Number: _____ Date: _____

OFFICE USE										
Response		Respondent		Mode		Enum.	Eval.	R. UNIT	Date MM DD YY	Office Use for POID
1-Comp	9901	1-Op/Mgr	9902	2-Tel	9903	098	100	921	9910	789
2-R		2-Sp		3-Face-to-						
3-Inac		3-Acct/Bkpr		Face						
4-Office Hold		4-Partner								
		9-Oth								
									Dup Adj.	Optional
									922	002
S/E Name										

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The time required to complete this information collection is estimated to average 60 minutes per response.