



# 2010 VEGETABLE CHEMICAL USE SURVEY



**NATIONAL AGRICULTURAL STATISTICS SERVICE**

U.S Department of Agriculture  
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ENTERPRISE

<b>VERSION</b> 01	<b>POID</b> _____	<b>SUBTRACT</b> _____	<b>T-TYPE</b> 0	<b>TABLE</b> 000	<b>LINE</b> 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 use and need your help to make the information as accurate as possible. Authority for collection of information on the Vegetable Chemical Use Survey is Title 7, Section 2204 of the U.S. Code. Under Title 7 of the U.S. Code and CIPSEA (Public Law 107-347), facts about your operation are kept **confidential** and used only for statistical purposes. Response is **voluntary**.

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

**BEGINNING TIME [MILITARY].** ..... 004

Name \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Phone (\_\_\_\_) \_\_\_\_\_

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

During the screening phase of the Vegetable Chemical Use Survey conducted in June and July, your operation was found to be growing or intending to grow vegetables this year. I now need to verify some of the information collected during the screening survey.

- Verify operation name and operator on label and/or screener.
- If no changes, go to Section A, page 4.
  - If changed, go to "Change in Operating Status," page 2.

## CHANGE IN OPERATING STATUS

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

1. Has there been a change in operation name or operator?

**NO** - [Go to Enumerator Note, below.]

**YES** - [Enter code 1, complete name and address information below for new operator, then read Enumerator Note.] .....

**CODE**

023

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Operation Name _____
Operator Name _____
Address _____ _____
Phone ( _____ ) _____

**[ENUMERATOR NOTE:** *If the operation on the face page was in business part of the 2010 crop year, complete this questionnaire for the part of the year during which the operation did business, unless the operation has been taken over by a new operator. If the operator has changed midyear, please conduct this interview start to finish with the new operator after reading "Valid Substitution" rules in section 4 of the Interviewer's Manual.*]

2. Has the operation printed on this questionnaire been combined or merged with any other farming operations?

**YES** - [Go to "Conclusion."]

**NO** - [Continue.]

## CHANGE IN OPERATING STATUS

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3. Did this operation have any of the target crops during the 2010 crop year?

- YES** - [Continue.]
- NO** - [Write notes explaining situation, then go to "Conclusion" on back page.]

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4. Are the day-to-day decisions for this operation (*name on label*) made by –  
[Check one.]

- one individual? [Go to Section A.]
- a hired manager? [Go to Section A.]
- partners? [Continue.]

5. **How many individuals are involved in the day-to-day decisions of this operation?**

[Enter the number of partners, including the partner named on the label.  
Identify the other persons in this partnership below, then go to Section A.]  
(Partners jointly operate land and share in decision making. **Do not include** landlords and tenants as partners.) . . . . .

NUMBER

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

**A**

**LAND OPERATED**

**A**

**ACRES OPERATED**

**CODE**

[Enumerator Action: If acreage on the insert is verified as correct, enter code 1 in box 801, then skip to Section B. If acreage has changed, ask ALL questions.] . . . . .

801

Now I would like to ask about the total acres operated under this land arrangement.

1. How many acres does this operation---

**ACRES**

a. Own? . . . . . +

901 . \_\_\_\_

b. Rent or lease from others or use rent free?  
(Exclude land used on an animal unit month (AUM) basis.) . . . . . +

902 . \_\_\_\_

c. Rent to others? . . . . . -

905 . \_\_\_\_

2. [Calculate item 1a + 1b -1c.] Then the total acres operated are: . . . . . =

900 . \_\_\_\_

a. Does this include the farmstead, all cropland, woodland, pasture land, wasteland, and government program land?

YES - [Continue.]       NO - [Make corrections, then continue.]

The remaining questions in this survey refer to these [item 2] acres.

3. Of the total acres operated, how many acres are considered cropland, including land in hay, summer fallow, cropland idle, cropland used for pasture and cropland in government programs? . . . . .

**ACRES**

802 . \_\_\_\_

4. Of the total acres operated, how many acres are vegetables?  
(Include both target and non-target vegetables planted on the operation.) . . . . .

803 . \_\_\_\_

**B**

**VEGETABLE ACREAGE**

**B**

1. What **target vegetables** were on these [Section A, item 2] acres during the 2010 crop year? (**Exclude** new plantings of vegetables not intended for harvest in 2010.)

[ENUMERATOR NOTE: If no target acreage is present, write notes and skip to "Conclusion" on back page.]

T-TYPE 1	TABLE 001
OFFICE USE LINES IN TABLE	
LINE 99	199

L I N E	1	2	3	4	5
	CROP	CROP CODE	How many acres were PLANTED for harvest in the 2010 crop year? (Include 2010 acres which were planted in other years.) ACRES	Were any commercial fertilizers applied to this crop? [YES = 1]	Were any herbicides, insecticides, fungicides, etc. applied to this crop? [YES = 1]
01		101	102 _____	108	109
02		101	102 _____	108	109
03		101	102 _____	108	109
04		101	102 _____	108	109
05		101	102 _____	108	109
06		101	102 _____	108	109
07		101	102 _____	108	109
08		101	102 _____	108	109
09		101	102 _____	108	109
10		101	102 _____	108	109
11		101	102 _____	108	109
12		101	102 _____	108	109
13		101	102 _____	108	109
14		101	102 _____	108	109
15		101	102 _____	108	109

- INCLUDE:**
- **TARGET CROPS ONLY.**
  - All acreage of **TARGET CROPS** for processing or fresh market.
  - All acreage equal to or greater than one tenth of an acre.
  - All bearing acreage of **TARGET CROPS** for roadside stands, farmer's markets or U-pick sales.
  - Acreage not harvested due to weather, economic or other reasons.
  - Crops planted in the fall of 2009 if they were part of the 2010 crop.
  - Double Cropping
- EXCLUDE:**
- **ALL CROPS GROWN IN ANOTHER STATE.**
  - All crops grown in greenhouses, hothouses and **home gardens**.
  - Plantings of crops not intended for harvest in 2010.
  - New plantings and other plantings which are not yet bearing (asparagus & strawberries)
  - All vegetables grown for commercial transplanting.
  - All mushrooms, potatoes, dry beans, sweet potatoes.
  - All vegetable acreage grown for seed only.
  - All vegetable acres grown by institutional, experimental, research and university farms.
  - Non-target vegetables.

## TARGET CROPS & CODES

COLORADO	
<b>CORN, SWEET</b>	
2110	FRESH MARKET

FLORIDA	
<b>BEANS, SNAP</b>	
2131	FRESH MARKET
<b>CABBAGE</b>	
2106	FRESH MARKET
<b>CORN, SWEET</b>	
2110	FRESH MARKET
<b>CUCUMBERS</b>	
2111	FRESH MARKET
4111	PROCESSING
126	<b>PEPPERS, BELL</b>
188	<b>SQUASH</b>
74	<b>STRAWBERRIES</b> ( <i>bearing age</i> )
<b>TOMATOES</b>	
2134	FRESH MARKET
33	<b>WATERMELONS</b>

GEORGIA	
<b>BEANS, SNAP</b>	
2131	FRESH MARKET
<b>CABBAGE</b>	
2106	FRESH MARKET
<b>CORN, SWEET</b>	
2110	FRESH MARKET
<b>CUCUMBERS</b>	
2111	FRESH MARKET
120	<b>ONIONS, BULB</b>
126	<b>PEPPERS, BELL</b>
188	<b>SQUASH</b>
<b>TOMATOES</b>	
2134	FRESH MARKET
33	<b>WATERMELONS</b>

ILLINOIS	
<b>BEANS, SNAP</b>	
4131	PROCESSING
<b>CORN, SWEET</b>	
2110	FRESH MARKET
128	<b>PUMPKINS</b>

MICHIGAN	
102	<b>ASPARAGUS</b> ( <i>bearing age</i> )
<b>BEANS, SNAP</b>	
4131	PROCESSING
<b>CARROTS</b>	
2107	FRESH MARKET
<b>CORN, SWEET</b>	
2110	FRESH MARKET
<b>CUCUMBERS</b>	
2111	FRESH MARKET
4111	PROCESSING
128	<b>PUMPKINS</b>

MINNESOTA	
<b>CARROTS</b>	
4107	PROCESSING
<b>CORN, SWEET</b>	
4110	PROCESSING
<b>PEAS, GREEN</b> ( <i>exclude dried</i> )	
4122	PROCESSING

NEW JERSEY	
<b>CORN, SWEET</b>	
2110	FRESH MARKET
<b>CUCUMBERS</b>	
2111	FRESH MARKET
122	<b>EGGPLANT</b>
126	<b>PEPPERS, BELL</b>
<b>SQUASH</b>	
1188	SUMMER SQUASH
3188	WINTER SQUASH
<b>TOMATOES</b>	
2134	FRESH MARKET

NEW YORK	
<b>BEANS, SNAP</b>	
2131	FRESH MARKET
4131	PROCESSING
<b>CABBAGE</b>	
2106	FRESH MARKET
<b>CORN, SWEET</b>	
2110	FRESH MARKET
<b>CUCUMBERS</b>	
2111	FRESH MARKET
120	<b>ONIONS, BULB</b>
188	<b>SQUASH</b>

NORTH CAROLINA	
<b>BEANS, SNAP</b>	
2131	FRESH MARKET
<b>CABBAGE</b>	
2106	FRESH MARKET
<b>CORN, SWEET</b>	
2110	FRESH MARKET
<b>CUCUMBERS</b>	
2111	FRESH MARKET
4111	PROCESSING
126	<b>PEPPERS, BELL</b>
188	<b>SQUASH</b>
<b>TOMATOES</b>	
2134	FRESH MARKET
33	<b>WATERMELONS</b>

OHIO	
<b>CORN, SWEET</b>	
2110	FRESH MARKET
<b>CUCUMBERS</b>	
4111	PROCESSING
128	<b>PUMPKINS</b>

OREGON	
<b>BEANS, SNAP</b>	
4131	PROCESSING
<b>CORN, SWEET</b>	
2110	FRESH MARKET
4110	PROCESSING
<b>ONIONS, BULB</b>	
<b>PEAS, GREEN</b> ( <i>exclude dried</i> )	
4122	PROCESSING
74	<b>STRAWBERRIES</b> ( <i>bearing age</i> )

SOUTH CAROLINA	
<b>CUCUMBERS</b>	
4111	PROCESSING
33	<b>WATERMELONS</b>

TENNESSEE	
<b>BEANS, SNAP</b>	
2131	FRESH MARKET
<b>TOMATOES</b>	
2134	FRESH MARKET

TEXAS	
<b>CABBAGE</b>	
2106	FRESH MARKET
4	<b>CANTALOUPE</b>
<b>CARROTS</b>	
2107	FRESH MARKET
<b>CORN, SWEET</b>	
2110	FRESH MARKET
<b>CUCUMBERS</b>	
4111	PROCESSING
120	<b>ONIONS, BULB</b>
<b>SPINACH</b>	
2132	FRESH MARKET
33	<b>WATERMELONS</b>

WISCONSIN	
<b>BEANS, SNAP</b>	
4131	PROCESSING
<b>CABBAGE</b>	
2106	FRESH MARKET
<b>CARROTS</b>	
4107	PROCESSING
<b>CORN, SWEET</b>	
2110	FRESH MARKET
4110	PROCESSING
<b>CUCUMBERS</b>	
4111	PROCESSING
120	<b>ONIONS, BULB</b>
<b>PEAS, GREEN</b> ( <i>exclude dried</i> )	
4122	PROCESSING

188 SQUASH

TOMATOES  
2134 FRESH MARKET

C

# FERTILIZER APPLICATIONS

C

**Enumerator Note---**  
 If column 4 of the table in Section B is YES for any crops, continue with item 1.  
 If column 4 of the table in Section B is NO for all crops, go to Section D, page 10.

1. I need to record complete information on all commercial fertilizers applied to the **target vegetables** grown during the 2010 crop year. Include all applications regardless of how they were applied (*irrigation water, foliar applications, etc.*). [Record amount of analysis of fertilizers applied or pounds of **actual plant nutrients** applied. Complete the table below (and any necessary supplemental fertilizer tables). Exclude micronutrients, lime, and gypsum.]

T-TYPE 002	TABLE 001
OFFICE USE LINES IN TABLE	
LINE 99	299

LINE	1	2	3	4	5	6	7	8	9	10
	CROP	CROP CODE	NITROGEN N	PHOSPHATE P <sub>2</sub> O <sub>5</sub>	POTASH K <sub>2</sub> O	SULFUR S	How much was applied per acre per application?  [Leave this column blank if actual nutrients were reported.]	UNIT CODES 1 Pounds 12 Gallons 13 Quarts 15 Liquid Oz. 28 Dry Oz. 19 Actual Nutrients	How many acres was this applied to?  ACRES	How many times was it applied?  NUMBER
01		201	202	203	204	214	205	206	207	208
02		201	202	203	204	214	205	206	207	208
03		201	202	203	204	214	205	206	207	208
04		201	202	203	204	214	205	206	207	208
05		201	202	203	204	214	205	206	207	208
06		201	202	203	204	214	205	206	207	208
07		201	202	203	204	214	205	206	207	208
08		201	202	203	204	214	205	206	207	208
09		201	202	203	204	214	205	206	207	208
10		201	202	203	204	214	205	206	207	208
11		201	202	203	204	214	205	206	207	208
12		201	202	203	204	214	205	206	207	208
13		201	202	203	204	214	205	206	207	208
14		201	202	203	204	214	205	206	207	208
15		201	202	203	204	214	205	206	207	208
16		201	202	203	204	214	205	206	207	208



<b>17</b>		201	202	203	204	214	205	206	207	208
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C

FERTILIZER APPLICATIONS

C

LINE	1	2	3	4	5	6	7	8	9	10
	CROP	CROP CODE	NITROGEN N	PHOSPHATE P <sub>2</sub> O <sub>5</sub>	POTASH K <sub>2</sub> O	SULFUR S	How much was applied per acre per application?  [Leave this column blank if actual nutrients were reported.]	UNIT CODES 1 Pounds 12 Gallons 13 Quarts 15 Liquid Oz. 28 Dry Oz. 19 Actual Nutrients	How many acres was this applied to?  ACRES	How many times was it applied?  NUMBER
18		201	202	203	204	214	205 . ____	206	207 . ____	208
19		201	202	203	204	214	205 . ____	206	207 . ____	208
20		201	202	203	204	214	205 . ____	206	207 . ____	208
21		201	202	203	204	214	205 . ____	206	207 . ____	208
22		201	202	203	204	214	205 . ____	206	207 . ____	208
23		201	202	203	204	214	205 . ____	206	207 . ____	208
24		201	202	203	204	214	205 . ____	206	207 . ____	208
25		201	202	203	204	214	205 . ____	206	207 . ____	208
26		201	202	203	204	214	205 . ____	206	207 . ____	208
27		201	202	203	204	214	205 . ____	206	207 . ____	208
28		201	202	203	204	214	205 . ____	206	207 . ____	208
29		201	202	203	204	214	205 . ____	206	207 . ____	208
30		201	202	203	204	214	205 . ____	206	207 . ____	208
31		201	202	203	204	214	205 . ____	206	207 . ____	208
32		201	202	203	204	214	205 . ____	206	207 . ____	208
33		201	202	203	204	214	205 . ____	206	207 . ____	208
34		201	202	203	204	214	205 . ____	206	207 . ____	208
35		201	202	203	204	214	205 . ____	206	207 . ____	208
36		201	202	203	204	214	205 . ____	206	207 . ____	208
37		201	202	203	204	214	205 . ____	206	207 . ____	208
38		201	202	203	204	214	205 . ____	206	207 . ____	208
39		201	202	203	204	214	205 . ____	206	207 . ____	208

40		201	202	203	204	214	205	206	207	208
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## NOTES

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# D PESTICIDE APPLICATIONS

D

1. Now I need to get complete information on all of the chemicals applied, including applications made by you and/or by custom applicators during the 2010 crop year to each of the **target vegetable crops** you grew. **Let's start with the first application to your [crop] since the 2009 crop year harvest.**

[Complete the table for all chemical applications to the target vegetable crops. Use supplemental tables if necessary. ]  
 (Exclude seed treatments, foliar applications of nutrients, and applications made to vegetables after harvest.)

**[ENUMERATOR NOTE:** *If respondent is not able to report columns 6 or 7, ask respondent to report: amount of product mixed with 100 gallons of water, number of gallons per tank and number of tanks used.]*

<b>LINES IN TABLE OFFICE USE</b>	<b>T-TYPE 3</b>	<b>TABLE 001</b>	<b>LINE 99</b>	399
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CHEMICAL PRODUCT NAME	L I N E	1	2	3	4	5
		CROP	CROP CODE	What products were applied to the [crop]? [Enter product code.]	Was this product bought in liquid or dry form? [Enter L or D.]	Was this part of a tank mix? [If tank mix, enter line number of first product in mix.]
	01		304	305		306
	02		304	305		306
	03		304	305		306
	04		304	305		306
	05		304	305		306
	06		304	305		306
	07		304	305		306
	08		304	305		306
	09		304	305		306
	10		304	305		306
	11		304	305		306
	12		304	305		306
	13		304	305		306
	14		304	305		306
	15		304	305		306

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

Line No.	Pesticide Type (Herbicide, Insecticide, Fungicide, etc.)	Trade Name and Formulation	Form Purchased (Liquid or Dry)	EPA Reg. No.
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____



D

## PESTICIDE APPLICATIONS

D

### CODES FOR COLUMN 8

1 POUNDS	14 PINTS	30 GRAMS	46 SPIRALS
12 GALLONS	15 OUNCES, LIQUID	40 KILOGRAMS	47 PACKETS
13 QUARTS	28 OUNCES, DRY	41 LITERS	50 OTHER ( <i>Specify</i> _____)

L I N E	6	OR	7	8	9	10
	How much was applied per acre per application?		What was the total amount applied per application?	[Enter unit code from above.]  CODE	How many acres were treated with this product?  ACRES	How many times was it applied?  NUMBER
01	308 . ____		309 . ____	310	312 . ____	313
02	308 . ____		309 . ____	310	312 . ____	313
03	308 . ____		309 . ____	310	312 . ____	313
04	308 . ____		309 . ____	310	312 . ____	313
05	308 . ____		309 . ____	310	312 . ____	313
06	308 . ____		309 . ____	310	312 . ____	313
07	308 . ____		309 . ____	310	312 . ____	313
08	308 . ____		309 . ____	310	312 . ____	313
09	308 . ____		309 . ____	310	312 . ____	313
10	308 . ____		309 . ____	310	312 . ____	313
11	308 . ____		309 . ____	310	312 . ____	313
12	308 . ____		309 . ____	310	312 . ____	313
13	308 . ____		309 . ____	310	312 . ____	313
14	308 . ____		309 . ____	310	312 . ____	313
15	308 . ____		309 . ____	310	312 . ____	313

[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 Reg. No.
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____





D

**PESTICIDE APPLICATIONS**

D

CHEMICAL PRODUCT NAME	L I N E	1  CROP	2  CROP CODE	3  What products were applied to the [crop]?  [Enter product code.]	4  Was this product bought in liquid or dry form?  [Enter L or D.]	5  Was this part of a tank mix?  [If tank mix, enter line number of first product in mix.]
	16		304	305		306
	17		304	305		306
	18		304	305		306
	19		304	305		306
	20		304	305		306
	21		304	305		306
	22		304	305		306
	23		304	305		306
	24		304	305		306
	25		304	305		306
	26		304	305		306
	27		304	305		306
	28		304	305		306
	29		304	305		306
	30		304	305		306
	31		304	305		306
	32		304	305		306
	33		304	305		306

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

Line No.	Pesticide Type (Herbicide, Insecticide, Fungicide, etc.)	Trade Name and Formulation	Form Purchased (Liquid or Dry)	EPA Reg. No.
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____



# D PESTICIDE APPLICATIONS

D

### CODES FOR COLUMN 8

1 POUNDS	14 PINTS	30 GRAMS	46 SPIRALS
12 GALLONS	15 OUNCES, LIQUID	40 KILOGRAMS	47 PACKETS
13 QUARTS	28 OUNCES, DRY	41 LITERS	50 OTHER ( <i>Specify</i> _____)

L I N E	6	OR	7	8	9	10
	How much was applied per acre per application?		What was the total amount applied per application?	[Enter unit code from above.]  CODE	How many acres were treated with this product?  ACRES	How many times was it applied?  NUMBER
16	308 . ____		309 . ____	310	312 . ____	313
17	308 . ____		309 . ____	310	312 . ____	313
18	308 . ____		309 . ____	310	312 . ____	313
19	308 . ____		309 . ____	310	312 . ____	313
20	308 . ____		309 . ____	310	312 . ____	313
21	308 . ____		309 . ____	310	312 . ____	313
22	308 . ____		309 . ____	310	312 . ____	313
23	308 . ____		309 . ____	310	312 . ____	313
24	308 . ____		309 . ____	310	312 . ____	313
25	308 . ____		309 . ____	310	312 . ____	313
26	308 . ____		309 . ____	310	312 . ____	313
27	308 . ____		309 . ____	310	312 . ____	313
28	308 . ____		309 . ____	310	312 . ____	313
29	308 . ____		309 . ____	310	312 . ____	313
30	308 . ____		309 . ____	310	312 . ____	313
31	308 . ____		309 . ____	310	312 . ____	313
32	308 . ____		309 . ____	310	312 . ____	313
33	308 . ____		309 . ____	310	312 . ____	313

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

Line No.	Pesticide Type (Herbicides, Insecticides, Fungicides, etc.)	Trade name and Formulation	Form Purchased (Liquid or Dry)	EPA Reg. No.
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

# E PEST MANAGEMENT PRACTICES E

Now I have some questions about pest management practices you may have used on any of the **total vegetable acres** on this operation. (*Include both target and non-target vegetable crops grown.*)  
**By pests, we mean insects, weeds, and diseases.**

T-TYPE	TABLE	LINE
0	000	00

**1. [Enumerator Action: Were PESTICIDE APPLICATIONS reported in Section B, column 5 on page 5?]**

- YES** - [Continue.]                       **No** - [Go to item 5.]

	YES = 1	CODE
2. Was weather data used to assist in determining either the need or when to make pesticide applications? .....	YES = 1	600
3. Were any biological pesticides such as Bt ( <i>Bacillus thuringiensis</i> ), insect growth regulators ( <i>Courier, intrepid, etc.</i> ), neem or other natural/biological based products sprayed or applied to manage pests? .....	YES = 1	601
4. Were pesticides with different mechanisms of action rotated or tank mixed for the primary purpose of keeping pests from becoming resistant to pesticides? .....	YES = 1	602
5. In 2010, how were your vegetable acres primarily scouted for insects, weeds, diseases and/or beneficial organisms? .....		
1 By deliberately going to the vegetable acres specifically for scouting activities. ( <i>Enter code 1 and go to item 6.</i> ) 2 By conducting general observations while performing routine tasks. ( <i>Enter code 2 and go to item 8.</i> ) 3 The vegetable acres were not scouted. ( <i>Enter code 3 and go to item 11.</i> )		608
6. Was an established scouting process used ( <i>systemic sampling, recording counts, insect traps, etc.</i> ) on any vegetable acres? .....	YES = 1	609
7. Was scouting for pests done on these vegetable acres due to---		
a. a pest advisory warning? .....	YES = 1	610
b. a pest development model? .....	YES = 1	611

1		2 <i>[If column 1 is YES, ask---]</i> <b>Who did the majority of the scouting for [column 1]—</b>
8. Were your vegetable acres scouted for ---	YES = 1	CODE
a. weeds? .....	612	614
b. insects and mites? .....	615	617
c. disease? .....	618	620

- 1 Operator, partner or family member  
 2 An employee  
 3 Farm supply or chemical dealer  
 4 Independent crop consultant or commercial scout  
 5 Processor  
 6 Other (*specify: \_\_\_\_\_*)

**E PEST MANAGEMENT PRACTICES**

**E**

		CODE
9.	Were written or electronic records kept to track the activity or numbers of weeds, insects or diseases? . . . . .	623
	<b>YES = 1</b>	
10.	Was scouting data compared to published information on infestation thresholds to determine when to take measures to manage pests? . . . . .	624
	<b>YES = 1</b>	
11.	Was field mapping data used for making pest management decisions? . . . . .	625
	<b>YES = 1</b>	
12.	Were the services of a diagnostic laboratory used for pest identification or soil or plant tissue pest analysis? . . . . .	626
	<b>YES = 1</b>	
13.	Were crop residues plowed down or removed to manage pests? . . . . .	627
	<b>YES = 1</b>	
14.	Were crops rotated during the past three years for the purpose of managing pests? . . . . .	628
	<b>YES = 1</b>	
15.	Were ground covers, mulches, or other physical barriers maintained to manage pest problems? . . . . .	629
	<b>YES = 1</b>	
16.	Was a crop variety chosen because it had resistance to a specific pest? . . . . .	630
	<b>YES = 1</b>	
17.	Was no-till or minimum till used to manage pests? . . . . .	631
	<b>YES = 1</b>	
18.	Were planting locations planned to avoid infestation of pests? . . . . .	632
	<b>YES = 1</b>	
19.	Were planting or harvesting dates adjusted to manage pests? . . . . .	633
	<b>YES = 1</b>	
20.	Were row spacing or plant density adjusted to manage pests? . . . . .	634
	<b>YES = 1</b>	
21.	Was a trap crop grown to help manage insects? . . . . .	635
	<b>YES = 1</b>	
22.	Were any beneficial organisms ( <i>insects, nematodes, fungi</i> ) applied or released to manage pests? . . . . .	636
	<b>YES = 1</b>	
23.	Were floral lures, attractants, repellants, pheromone traps or other biological pest controls used on any vegetable acres? . . . . .	637
	<b>YES = 1</b>	
24.	Were any vegetable acres cultivated for weed control during the growing season? . . . . .	640
	<b>YES = 1</b>	
25.	Were field edges, lanes, ditches, roadways or fence lines chopped, mowed, plowed, or burned to manage pests on any vegetable acres? . . . . .	642
	<b>YES = 1</b>	
26.	Were equipment and implements cleaned after completing field work to reduce the spread of pests? . . . . .	643
	<b>YES = 1</b>	
27.	Were any vegetable acres irrigated for the 2010 crops? . . . . .	644
	<b>YES = 1</b>	
a.	[If item 27 = YES, ask--] Were water management practices (excluding chemigation) such as irrigation scheduling, controlled drainage, or treatment of retention water used to manage pests? . . . . .	645
	<b>YES = 1</b>	

COMPLETION CODE for FERTILIZER APPLICATIONS	
1 Incomp/R 3 Valid Zero	200

COMPLETION CODE for PESTICIDE APPLICATIONS	
1 Incomp/R 3 Valid Zero	300

COMPLETION CODE for PEST MANAGEMENT PRACTICES	
1 Incomp/R	500

## CONCLUSION

### SURVEY RESULTS

1. To receive the complete results of this survey on the release date, go to [www.nass.usda.gov/results/](http://www.nass.usda.gov/results/). Would you rather have a brief summary mailed to you at a later date? ..... **YES = 1**

**CODE**

099
-----

**[Thank the respondent, then review this questionnaire.]**

**ENDING TIME [MILITARY].** .....

005
-----

**OFFICE USE  
TIME IN HOURS**

006
-----

### RECORD USE

Did respondent use operation records to report pesticide data? ..... **YES = 1**

**CODE**

064
-----

### SUPPLEMENT USE

Record the total number of supplements used to complete this interview.

**NUMBER**

Fertilizer Supplements. ....

067
-----

Pesticide Supplements. ....

068
-----

Reported by: \_\_\_\_\_ Telephone No. (\_\_\_\_) \_\_\_\_\_

Response		Respondent		Mode		Enum	Eval	Date MM DD YY	R Unit	Duplication Adjustor	Optional
1-Comp	9901	1- Op/Mgr	9902	2-Tel	9903	0098	0100	9910	0921	0922	0002
2-R		2-Sp		3-Face-to -					<b>Office Use for POID</b>		
3-Inac		3-Acct/Bkpr		Face					0789		
4-Office Hold		4-Partner						10	- - - - -		
		9-Other							- - - - -		
S/E Name											

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