2024 VEGETABLE CHEMICAL USE SURVEY

OMB No. 0535-0218 Approval Expires: 6/30/2026 Project Code: 136

SurveyID: 2069



NATIONAL AGRICULTURAL STATISTICS SERVICE

USDA/NASS

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| | | | | ENTERPRISE |
|--|---|--|--|---|
| VERSION 01 | | POID | SUBTRACT | |
| | | | CONTACT RECORD | |
| DATE | TIME | | NO ⁻ | ES |
| | | | | |
| | | | | |
| | | months of the second se | | |
| | | | | |
| | | | | |
| INTRODUCTIO | N: | | | |
| | | r the operator. Rephrase in y | our own words.] | |
| person who will is conducted in applicable Feder Response is vol According to the collection of inforcomplete this in searching existi | fully discloses accordance will accordance will are laws. For reluntary. Paperwork Repression unless formation collenged data source | any identifiable information a th the Confidential Information more information on how we p eduction Act of 1995, an age is it displays a valid OMB conf action is estimated to average as, gathering and maintaining | bout you or your operation Protection provisions of protect your information proceed may not conduct or strol number. The valid ONe 60 minutes per respons the data needed, and co | our responses will be kept confidential and any n is subject to a jail term, a fine, or both. This survey f Title V, Subtitle A, Public Law 107-347 and other clease visit: https://www.nass.usda.gov/confidentiality. ponsor, and a person is not required to respond to, a d/B control number is 0535-0218. The time required to e, including the time for reviewing instructions, mpleting and reviewing the collection of information. |
| We encourage | you to refer to | your farm records during the | interview. | н н м м |
| BEGINNING TIM | E [MILITARY] | | | 004 500 |
| □ Name, add | ress, and par | tners verified and updated | I if necessary. | |
| | intending to g | | | ed in June and July, your operation was found to ome of the information collected during the |
| | | operator on label and/or so | creener. | |

If changed, continue to Change in Operating Status on next page.

CHANGE IN OPERATOR STATUS

| [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 opera | tor? |
| 023 ₁ ☐ Yes – Continue 3 ☑ No | – Go to Enumerator Note below. |
| | Operation Name |
| | Address |
| | Phone () Check if cell phone |
| for the part of the year during which the over by a new operator. If the operate | in business part of the 2024 crop year, complete this questionnaire ne operation did business, unless the operation has been taken or has changed midyear, please conduct this interview start to ling "Valid Substitution" rules in section 4 of the Interviewer's |
| 2. Has the operation printed on this questionnaire been of the last the operation printed on this questionnaire been of the last the operation printed on this questionnaire been of the last the last the operation of the last the last the last the last the operation printed on this questionnaire been of the last the | combined or merged with any other farming operations? – Continue |

SCREENING

| 1. | Did this operation have any of the | e target crops o | during the 2 | 2024 crop year? [Se | ee page 5 f | or target crops | .] | |
|-----|--|--------------------------------------|------------------------------|---|------------------------------|---------------------------|---|--|
| | 1 Yes – Continue | ₃ ☐ No – Wr | ite notes ex | plaining the situation | on, then go | to Conclusion. | | |
| | | | | | | | - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 | · · · · · · · · · · · · · · · · · · · |
| | | | | | | | e e | |
| | | | | | | | | |
| 2. | Are the day–to–day decisions for | this operation | (name on I | abel) made bv — [0 | Check onel | | | |
| | ₁☑ one individual? [Go t | | | | | | | |
| | 8 a hired manager? [G | | ľ | | | | | |
| | ₂[partners? [Continue] | | Li | | | | | |
| 3. | How many individuals are involve partners, including the partner na then go to Section A. Partners jo landlords and tenants as partners | amed on the lab pintly operate la | oel. Identify and and sha | the other persons are in decision maki | in this partring. Do not | nership below, include | | Number |
| 4. | Please identify the other person(s necessary corrections if names h | | | | erify partne | rs' names and | make | |
| | Check if verified POID | | | Check if verified | POID | | | |
| Na | ime: | | | Name: | | | | The second secon |
| Ad | ldress: | | | Address: | | | | |
| Cit | y: State: | Zip: | | City: | | State: | Zip: _ | |
| Ph | one: () | | check if cell phone | Phone: () | Kiloman Kalifuran Saya sa sa | allege and the second | | check if cell phone |
| E | Check if verified POID | | | Check if verified | POID | | | |
| Na | ime: | | | Name: | | | | |
| Ad | dress: | | | Address: | | | | |
| Cit | ty: State | Zip: | \ | City: | | State: | Zip: | |
| | | | check if cell phone | | | | | check if cell phone |
| Ph | one: () | | - 🗆 | Phone: () _ | ··· | | | |

Acres Operated

| | numerator Action: If acreage on the insert is verified as correct, enter code 1 in box 801, then skip to ection B. If acreage has changed, ask all questions.] | 801 | |
|----|--|--------|----------------|
| No | w 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 | 80 . <u>0</u> |
| | b. rent or lease from others or use rent free? EXCLUDE land used on an animal unit month (AUM) basis | 902 | 520 <u>.0</u> |
| | c. rent to others? | 905 | |
| 2. | [Calculate item 1a + 1b - 1c.] Then the total acres operated are: | 900 | 600.0 |
| | a. Does this include the farmstead, all cropland, woodland, pastureland, wasteland, and government | progra | am land? |
| | 1 ☐ Yes – Continue 3 ☐ No – Make corrections, then continue. | | |
| Th | e remaining questions in this survey refer to these (item 2) acres. | | |
| 3. | Of the total acres operated, how many acres are considered cropland? INCLUDE land in hay, summer fallow, cropland idle, cropland used for pasture, and cropland in government programs | 802 | 580 <u>.</u> 0 |
| 4. | Of the total acres operated, how many acres are vegetables? INCLUDE both target and non–target vegetables planted on the operation | 803 | 300.0 |

TARGET CROPS & CODES

| | FLORIDA |
|-----|---------------|
| 613 | Beans, Snap |
| 808 | Cabbage |
| 766 | Corn, Sweet |
| 798 | Cucumbers |
| 736 | Peppers, Bell |
| 742 | Squash |
| 770 | Tomatoes |
| 752 | Watermelons |

| | GEORGIA |
|-----|---------------|
| 613 | Beans, Snap |
| 808 | Cabbage |
| 766 | Corn, Sweet |
| 798 | Cucumbers |
| 824 | Onions |
| 736 | Peppers, Bell |
| 742 | Squash |
| 752 | Watermelons |

| | ILLINOIS |
|-----|-------------|
| 613 | Beans, Snap |
| 738 | Pumpkins |
| 738 | Pumpkins |

| | INDIANA |
|-----|-------------|
| 738 | Pumpkins |
| 752 | Watermelons |

| | MICHIGAN |
|-----|-------------|
| 701 | Asparagus |
| 613 | Beans, Snap |
| 798 | Cucumbers |
| 742 | Squash |

| | MINNESOTA |
|-----|-------------|
| 766 | Corn, Sweet |
| 855 | Peas, Green |

| | NEW JERSEY | | |
|-----|---------------|--|--|
| 701 | Asparagus | | |
| 736 | Peppers, Bell | | |
| 742 | Squash | | |

| | NEW YORK |
|-----|-------------|
| 613 | Beans, Snap |
| 808 | Cabbage |
| 766 | Corn, Sweet |
| 824 | Onions |
| 738 | Pumpkins |
| 742 | Squash |

| 11 - 3 | NORTH CAROLINA |
|--------|----------------|
| 798 | Cucumbers |
| 736 | Peppers, Bell |
| 738 | Pumpkins |
| 742 | Squash |
| 752 | Watermelons |

OHIO

738 Pumpkins

| | OREGON |
|-----|-------------|
| 613 | Beans, Snap |
| 766 | Corn, Sweet |
| 824 | Onions |
| 855 | Peas, Green |
| 742 | Squash |

| PENNSYLVANIA | | | | | |
|--------------|-------------|--|--|--|--|
| 613 | Beans, Snap | | | | |
| 738 | Pumpkins | | | | |

| | TEXAS |
|-----|-------------|
| 808 | Cabbage |
| 798 | Cucumbers |
| 824 | Onions |
| 752 | Watermelons |

| | WASHINGTON |
|-----|-------------|
| 766 | Corn, Sweet |
| 824 | Onions |
| 855 | Peas, Green |

| WISCONSIN | | | | | |
|-----------|-------------|--|--|--|--|
| 613 | Beans, Snap | | | | |
| 808 | Cabbage | | | | |
| 766 | Corn, Sweet | | | | |
| 798 | Cucumbers | | | | |
| 855 | Peas, Green | | | | |

1. What target vegetable crops were on these [Section A, item 4] acres during the 2024 crop year? EXCLUDE new plantings of vegetables not intended for harvest in 2024.

| | Table 001 |
|---------|-----------------------|
| | ice Use s in Table |
| Line 99 | 199 |

| LIZE | 1 | 2 | How many acres were planted for harvest in the 2024 crop year? (INCLUDE 2024 acres which were planted in other years.) | | Were any herbicides, insecticides, fungicides, etc. applied to this crop? Yes = 1 | |
|------|--|-----------|--|-------------------|--|--|
| | Crop | Crop Code | Acres | | No = 3 | |
| 01 | Snap Beans | 613 | 11 15 | <u>.</u> | 13 | |
| 02 | Asparagus | >01 | 11 50 | <u>. o</u> | 13 | |
| 03 | Squash | 242 | 11 15 | <u>.</u> <u>a</u> | 13 | |
| 04 | | | 11 | • | 13 | |
| 05 | | | 11 | • | 13 | |
| 06 | | | 11 | • | 13 | |
| 07 | | | 11 | • | 13 | |
| 08 | | .,, | 11 | • | 13 | |
| 09 | | | 11 | • | 13 | |
| 10 | and the second s | | 11 | , in | 13 | |
| 11 | | 1 | 11 | · | 13 | |
| 12 | | | 11 | • | 13 | |
| 13 | | | 11 | | 13 | |
| 14 | | | 11 | • | 13 | |
| 15 | | | 11 | | 13 | |

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.
- Crops planted in the fall of 2023 if they were part of the 2024 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 2024.
- New plantings and other plantings which are not yet bearing (asparagus).
- 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.

| Notes: | | V | and the second s | | | |
|--------|-----------------------------------|---|--|--|--|---|
| | | | | | | |
| | | | 2020 - W. Status day 1 - 2020 - 2020 - 2020 | Wanter to the state of the stat | | - |
| | erio accomonida tita como exercis | | | | | |
| | | | | | | |
| | | | | A Charles | and the second s | |
| | | | | | | |
| | | | | | | |

NOTES

[Enumerator Action: If pesticides were reported in Section B, column 4, continue. Otherwise, go to Section E.]

 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 2024 crop year to each of the target vegetable crops you grew. Let's start with the first application to your crop since the 2023 crop year harvest.

INCLUDE all chemical applications to the target vegetable crops. Use supplemental tables if necessary.

INCLUDE herbicides, insecticides, nematicides, miticides, fungicides, chemical thinners, growth regulators, microbial agents, pheromones, rodenticides, and soil fumigants.

EXCLUDE seed treatments, foliar applications of nutrients, and applications made to vegetables after harvest.

| Office Use | Table | 399 |
|----------------|-------|-----|
| Lines in Table | 001 | |

| | | 1 | 2 | 3 | 4 | 5 |
|--------------------------|--------|------------|-----------|---|--|---|
| | L | | | What products were applied to the [crop]? | Was this product bought in liquid or dry form? | Was this part of a tank mix? |
| Chemicał Product Name | N E | Сгор | Crop Code | [Enter product code.] | [Enter L or D.] | [If tank mix, enter line number of first product in mix.] |
| Dual Magnum | 01 | Snap Beans | 613 | 61 40245 | Lour | 63 |
| Basagran | 02 | Snap Beans | 6/3 | 61 40502 | L | 63 2 |
| Raptor | 03 | Snap Bear | 6/3 | 61 40987 | Low | ⁶³ 2 |
| Mustana Maxx | 04 | Snap Beans | 613 | 61 11354 | | 63 |
| Warrior II | 05 | Shap Beans | 613 | 61 11167 | | 63 |
| Baythroid | 06 | Snap Beans | 613 | 61 11046 | L | 63 |
| Curbit EC | 07 | Squah | >42 | 61 40232 | ATTORNEOUS PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN TO T | 63 > |
| Command 3 | 08 | Squash | 742 | 61 40673 | L | 63 > |
| Manzate Prostice | 09 | Squash | 742 | 61 >021 | D | 63 |
| Zampro | 10 | Savash | 742 | 61 70792 | Augus- | 63 10 |
| Bravo 720 | 11 | Squash | 742 | 61 20994 | L | 63 10 |
| Mustang Maxx | 12 | Squarh | >42 | 61 11354 | L | 63 10 |
| Crandis Opti | 13 | Squash | 742 | 61 >0999 | L | 63 13 |
| Actara | 14 | Savadh | 242 | 61 10871 | D | 63 3 |
| Previour Flex | 15 | Savash | 742 | 61 >0463 | L | 63 /5 |

[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. |
|----------|---|-------------------------------|--|--------------|
| | | | Company of the compan | |
| | | | | |

Codes for Column 8

| | | water and a second | The state of the street was the state of | |
|----|----------------|--------------------|--|---|
| 1 | Pounds | 30 | Grams | |
| 12 | Gallons | 40 | Kilograms | |
| 13 | Quarts | 41 | Liters | |
| 14 | Pints | 46 | Spirals | |
| 15 | Ounces, Liquid | 47 | Packets | |
| 28 | Ounces, Dry | 50 | Other (Specify: |) |
| l | | | | |

| | | 6 | 0 | R | 7 | | 8 | | 9 | 0.900 | | 10 |
|------------------|-----|---|----------------|----|--|----|----------------------------------|-------------|--------------------------------|---------------|-----|---|
| L I N E | How | much was per acre p applicatio | er | | What was the total amount applied per application? | u | [Enter init code m above.] | Ho treat | w many acres wed with this pro | vere duct? | How | v many times was this product applied? |
| | | | | | V 7 | | Code | | Acres | | | Number |
| 01 | 65 | 1 | <u>.> s</u> | 73 | • | 74 | 14 | 77 | 15 | 0 | 79 | AN MANAGEMENT AND AN ADDRESS OF THE |
| 02 | 65 | . 1 | 00 | 73 | | 74 | 14 | 77 | 15 | 0 | 79 | at Command |
| 03 | 65 | Ч | .00 | 73 | | 74 | 15 | 77 | 15 | C | 79 | Control |
| 04 | 65 | S | 50 | 73 | • | 74 | 15 | 77 | 15 | 0 | 79 | No. |
| 05 | 65 | 1 | . 3 3 | 73 | * | 74 | 15 | 77 | 15 | .0 | 79 | |
| 06 | 65 | dizer) | 25 | 73 | • | 74 | 15 | 77 | 15 | 0 | 79 | 1 |
| 07 | 65 | Phone | .50 | 73 | • | 74 | 13 | 77 | 15 | 0 | 79 | and a second |
| 08 | 65 | . 1 | 00 | 73 | • | 74 | 13 | 77 | 15 | .0 | 79 | Message |
| 09 | 65 | Z | 50 | 73 | • | 74 | 1 | 77 | 15 | .0 | 79 | 1 |
| 10 | 65 | 14 | 00 | 73 | • | 74 | 15 | 77 | 15 | 0 | 79 | 2 |
| 11 | 65 | 1 | 33 | 73 | | 74 | 14 | 77 | 15 | 0 | 79 | 2 |
| 12 | 65 | 2 | 50 | 73 | • | 74 | 15 | 77 | 15 | 0 | 79 | 2 |
| 13 | 65 | 2 | 00 | 73 | - | 74 | 12 | 77 | 15 | .0 | 79 | 2 |
| 14 | 65 | 3 | 00 | 73 | | 74 | 28 | 77 | 15 | 0 | 79 | 2 |
| 15 | 65 | *************************************** | <u>.>5</u> | 73 | 1 | 74 | 14 | 77 | 15 | .0 | 79 | 2 |

[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

[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. |
|----------|---|---|--------------------------------|---|
| | | | | |
| | | *************************************** | | *************************************** |

Codes for Column 8

1 Pounds 30 Grams
12 Gallons 40 Kilograms
13 Quarts 41 Liters
14 Pints 46 Spirals

15 Ounces, Liquid 28 Ounces, Dry 47 Packets 50 Other

| | 6 C | DR 7 | 8 | 9 | 10 |
|------------------|--|--|-------------------------------------|--|--|
| L I N E | How much was applied per acre per application? | What was the total amount applied per application? | [Enter unit code from above.] | How many acres were treated with this product? | How many times was this product applied? |
| | | | Code | Acres | Number |
| 16 | 65 1 . 3 3 | 73 | 74 14 | ⁷⁷ IS <u>.0</u> | 79 2 |
| 17 | 65 2 <u>5 0</u> | 73 | 74 15 | 15 0 | 79 2 |
| 18 | 65 1.00 | 73 | 74 13 | ⁷⁷ So <u>.a</u> | 79 |
| 19 | 1.50 | 73 | 74 14 | ⁷⁷ So . <u>o</u> | 79 |
| 20 | 65 1.00 | 73 | 74 14 | ⁷⁷ 50. <u>e</u> | 79 |
| 21 | . <u>. S Ø</u> | 73 | 74 28 | " So <u>.0</u> | 79 |
| 22 | 65 2. <u>S</u> Q | 73 | 74 | 77 50. <u>0</u> | 79 |
| 23 | 65 .>5 | 73 | 74 | ⁷⁷ 50.0 | 79 |
| 24 | 65 5 <u>0 C</u> | 73 | 74 15 | 50.0 | 79 2 |
| 25 | 65 2. <u>50</u> | 73 | 74 | ⁷⁷ 50.0 | 79 2 |
| 26 | 65 S. <u>00</u> | 73 | 74 15 | ⁷⁷ 50 <u>.0</u> | 79 January |
| 27 | ⁶⁵ 2. <u>50</u> | 73 | 74 | 50.0 | 79 2 |
| 28 | 65 3. <u>00</u> | 73 | 74 15 | ⁷⁷ So . <u>0</u> | 79 2 |
| 29 | 65 3 <u>40</u> | 73 | 74 15 | ⁷⁷ 50. <u>0</u> | 79 2 |
| 30 | 65 2 <u>.50</u> | 73 | 74 | π 50 <u>.</u> e | 79 2 |
| 31 | 65 2. <u>50</u> | 73 | 74 | ⁷⁷ 50 <u>.0</u> | 79 2 |
| 32 | 65 | 73 | 74 | 77 | 79 |
| 33 | 65 | 73 | 74 | 77 | 79 |
| | | [For pesticides r | not listed in | Respondent Booklet, | specify_1 |

COMPLETION CODE for PESTICIDE APPLICATIONS

1 Incomp/R 300 3 Valid Zero

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

Pesticide Type
Line No. (Herbicide, insecticide, fungicide, etc.)

Trade Name and Formulation

Form Purchased (Liquid or Dry)

EPA Reg. No.

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.

| [E | numerator Action: Were pesticide applications r | epor | ted | in Section | on B | , column 4 on pag | je 6?] | | | |
|----|--|--------|------|--------------------|-------|--|------------------------|-----------------------|---------|----------|
| | y Yes − Continue 3 | | 0 – | Go to ite | em 4 | | | | | |
| | | | | | | | | | | Code |
| 1. | Was weather data used to assist in determining applications? | | | | | | | Yes=1 No=3 | 600 | 1 |
| 2. | Were any biological pesticides such as Bt (Bacas Courier, Intrepid, etc., neem or other natura manage pests? | l/biol | ogi | cal based | d pr | oducts sprayed or | applied to | Yes=1 | 601 | 3 |
| 3. | Were pesticides with different mechanisms of a purpose of keeping pests from becoming resist | action | n ro | tated or | tanl | mixed for the pri | mary | No=3 Yes=1 No=3 | 602 | |
| | | | | | | | | | | |
| | | | s | | for | going to the vegeta scouting activities. | | | | |
| 4. | In 2024, how were your vegetable acres primarily scouted for insects, weeds, | : | | | | general observation | | | 608 | Code |
| | diseases, and/or beneficial organisms? | | | erforming em 7. | rou | ine tasks. Enter co | de 2 and go to | | 000 | l |
| | | ; | | | | acres were not scou to item 10. | ited. Enter | | | |
| | | | | | | | | 6 | | Code |
| 5. | Was an established scouting process used suctraps, etc., on any vegetable acres? | | | | | | | Yes=1 No=3 | 609 | Assessed |
| 6. | Was scouting for pests done on these vegetab | le ac | res | due to - | _ | | | | | Code |
| | a second control of the control of t | | | | | | | Yes=1 | 610 | 6 |
| | a. a pest advisory warning? | | | | | | | No=3 | | 1 |
| | b. a pest development model? | | | | | | | Yes=1 No=3 | 611 | 3 |
| | and the same of th | Γ | | | T | | | | | |
| | 1 | | | 2 | [lf o | column 2 = Yes, ask o did the majority of |] f the scouting fo | r [colun | nn 1]? | • |
| | | | | | 4 | Operator, partner | or family membe | er | | |
| | | | | | j. | 2 An employee | amaiaal daalau | | | |
| | | | | | | Farm supply or che Independent crop | | mmerc | ial sco | out |
| | | | | | 1 | Processor | | | | |
| 7. | Were your vegetable acres scouted for — | | Yes | s = 1 | 1 | Other: (specify: | - to | | |) |
| | | | | = 3 | | | Code | | | |
| | a. weeds? | 612 | | 1 | 614 | 3 | | 52-2007 - 1-000 | | |
| | b. insects or mites? | 615 | | | 617 | 3 | | | | |
| | c. disease? | 618 | | | 620 | 3 | | | - | |

| | | | | Code |
|-------|---|---------------|-----|--|
| | Were written or electronic records kept to track the activity or numbers of weeds, insects, or diseases? | Yes=1 No=3 | 623 | 1 |
| | Was scouting data compared to published information on infestation thresholds to determine when to take measures to manage pests? | Yes=1 No=3 | 624 | 3 |
| | Was field mapping data used for making pest management decisions? | Yes=1 No=3 | 625 | P. Filterina |
| 11. | Were the services of a diagnostic laboratory used for pest identification or soil or plant tissue pest analysis? | Yes=1 No=3 | 626 | 3 |
| 12. | Were crop residues plowed down or removed to manage pests? | Yes=1 No=3 | 627 | 1 |
| 13. | Were crops rotated during the past three years for the purpose of managing pests? | Yes=1 No=3 | 628 | |
| 14. | Were ground covers, mulches, or other physical barriers maintained to manage pest problems? | Yes=1 No=3 | 629 | 3 |
| 15. | Was a crop variety chosen because it had resistance to a specific pest? | Yes=1 No=3 | 630 | 1 |
| 16. | Was no-till or minimum till used to manage pests? | Yes=1 No=3 | 631 | 3 |
| 17. | Were planting locations planned to avoid infestation of pests? | Yes=1 No=3 | 632 | 4 |
| 18. | Were planting or harvesting dates adjusted to manage pests? | Yes=1 No=3 | 634 | 3 |
| 19. | Were row spacing or plant density adjusted to manage pests? | Yes=1 No=3 | 635 | - |
| 20. | Was a trap crop grown to help manage insects? | Yes=1 No=3 | | 3 |
| 21. | Were any beneficial organisms such as insects, nematodes, or fungi applied or released to manage pests? | Yes=1 No=3 | 636 | 3 |
| 22. | Were floral lures, attractant repellants, pheromone traps, or other biological pest controls used on any vegetable acres? | Yes=1 No=3 | 637 | 3 |
| 23. | Were any vegetable acres cultivated for weed control during the growing season? | Yes=1 No=3 | 640 | 3 |
| 24. | Were field edges, lanes, ditches, roadways, or fence lines chopped, mowed, plowed, or burned to manage pests on any vegetable acres? | Yes=1 No=3 | 642 | 3 |
| 25. | Were equipment and implements cleaned after completing field work to reduce the spread of pests? | Yes=1 No=3 | 643 | Periodical |
| 26. | . Were any vegetable acres irrigated for the 2024 crop? | Yes=1 No=3 | 644 | / |
| [lf i | item 26 = Yes, ask] | | | |
| 71 | Were water management practices, excluding chemigation, such as irrigation scheduling, controlled drainage, or treatment of retention water used to manage pests? | Yes=1 No=3 | 645 | SECURIOR SEC |

| | N CODE for PEST ENT PRACTICES |
|------------|----------------------------------|
| 1 Incomp/R | 500 |
| | 1 |

NOTES

CONCLUSION

| [Thank the respondent, then review this questionnaire.] | | | | | | Н | Н | M | М |
|--|------------|--|---------|------------|--------------|-------------------|-----|---------|------|
| Ending time [Military] | | | ••••• | | | | 5 | 4 | 5 |
| | | | | | | T | | | |
| | | | | | | 006 | | | · |
| Record Use | | | | | | | | | |
| [Did respondent use operation records to report —] | | | | | | | C | ode | |
| Pesticide data | | | | | Yes: No: | | | 1 | |
| Supplement Use | | | | | | | | | |
| | te this in | terview.] | | | | | Nur | nber | |
| | | - | | | | 068 | | | |
| Pesticide Supplements | | | | | | | | | |
| Contact Information | | | | | | | | | |
| Operator Email: | | | Opera | ator Phone | | | | | |
| 9929 | | 9917 Check to receive results by email | 9918 |) | | A COPY OF A SPICE | | cell pl | hone |
| Ending time [Military] Coffice Use Time in Hours O06 Pestroide data Supplement Use [Record the total number of supplements used to complete this interview.] Pestroide Supplements Pestroide Supplements Operator Email: Operator Phone: 9929 9917 Check to receive Office Use Time in Hours Oo6 O06 O06 O06 O06 O06 O06 O06 | | | l e) | | | | | | |
| the state of the s | | Check to receive | T |) | | | | ched | k if |
| Respondent Name: | Respon | dent Phone (if differe | nt from | above) | | | | * | |
| 9912 | 9911 | 7 | | | 9910 | MM | DE |) , | YY |
| | () | | | | - The second | 11 | _== | 0 3 | 4 |
| This completes the survey. The results will be | availab | le on the release of | late at | nass.usd | a.gov/r | results | | | |

This completes the survey. The results will be available on the release date at nass.usda.gov/results
Thank you for your help.

| | | | | OFFICE U | SE | | | | |
|--|-----------|---|-----------|---|-----|-------|-----------------------|-------|----------|
| R. Unit | Ptr 1 Str | Ptr 2 Str | Ptr 3 Str | Ptr 4 Str | OPS | SSO 1 | ADJ | Optio | onal Use |
| 9921 | 9922 | 9923 | 9927 | 9928 | 923 | 9907 | 922 | 9906 | 9916 |
| Response | | Respo | ondent | Mod | de | Enum. | | POID | |
| 1-Comp 2-R 3-Inac 4-Office Hold | 9901 | 1-Op/Mgr 2-Spouse 3-Acct/Bkpr 4-Partner 9-Other | 9902 | 2-PATI (tel) 3-PAPI (Face-to Face | | 26990 | 9989 Eval. 9900 | 9985 | Change |