

2006 POTATO POSTHARVEST CHEMICAL USE SURVEY



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

U.S. Department of Agriculture
Rm. 5030, South Building
1400 Independence Avenue, S.W.
Washington, D.C. 20250-2000
Phone: 1-800-727-9540
Fax: 202-690-2090

VERSION 02	POID _____	SUBTRACT ___	T-TYPE 0	TABLE 000	LINE 00
--------------------------	-------------------	---------------------	------------------------	-------------------------	-----------------------

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 Potato Postharvest Chemical Use Survey is Title 7, Section 2204 of the U.S. Code. This information will be used for analysis and to compile and publish estimates for your state and the United States. Response to this survey is confidential and 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.]

1. Did this operation (as listed on the label) store, pack/ship or process any potatoes from July 1, 2005 through June 30, 2006?

YES - *[Go to page 3.]*

NO- *[Go to page 2.]*

A

QUANTITY HANDLED

A

1. From July 1, 2005 through June 30, 2006, did your operation---

a. change potatoes to a processed product by cooking, drying, frying or freezing?

YES – [Enter code 1 and continue.] **NO** – [Continue.]

CODE
105

b. sort, grade, package or ship primarily fresh market (table stock) potatoes?

YES – [Enter code 1 and continue.] **NO** – [Continue.]

CODE
106

c. store fresh potatoes at about 40 to 55 degrees in an insulated, ventilated building or cellar for later use (after harvest) to be shipped or processed?

YES – [Enter code 1 and go to item 2.] **NO** – [Go to item 2.]

CODE
107

Now I would like to ask about the 2005 crop year potatoes.

Please use your records to help us get an accurate record of potato receipts.

UNIT CODES

- 4 – Short Ton (2,000 lbs)
- 5 – CWT. (100 lbs)/SACK
- 6 – Pounds (lbs)
- 7 – Metric Ton (2204.6)
- 8 – Barrel (165 lbs)
- 9 – Other

2. What was the total (table and/or processed) quantity of the 2005 crop potatoes stored, packed/shipped or processed on this operation? . . .

QUANTITY	UNIT	If "9" enter POUNDS/UNIT
200	201	202

(If unit is pounds, enter 1.0)

a. Of the potatoes in item 1, how many **DID NOT** receive postharvest chemical applications?

QUANTITY	OR	PERCENT OF TOTAL NOT TREATED
206		207

UNIT CODES

- 4 – Short Ton (2,000 lbs)
- 5 – CWT. (100 lbs)/SACK
- 6 – Pounds (lbs)
- 7 – Metric Ton (2204.6 lbs)
- 8 – Barrel (165 lbs)
- 9 – Other

3. What is the total potato storage capacity of all facilities operated by this operation?

CAPACITY	UNIT	If "9" enter POUNDS/UNIT
203	204	205

(If unit is pounds, enter 1.0.)

COMPLETION CODE for CHEMICAL EDIT TABLE

1 – Incomp/R	300
3 – Valid Zero	

B

POSTHARVEST CHEMICAL TREATMENTS APPLIED

B

Now I will be collecting data on potatoes, only. I will need information for all products applied after harvest. This includes postharvest chemicals applied to all the April crop year potatoes stored, packed/shipped or processed by your operation. I will be asking for the specific product and amount used, quantity of potatoes treated and timing and method of application. Please use your records to answer the questions as accurately as possible and to help make sure we do not miss any products used.

OFFICE USE
LINES IN TABLE

T-TYPE	TABLE	LINE	399
3	001	99	

STORAGE CODES FOR COLUMN 2

- 5 – Not Stored
- 6 – Before Storage
- 7 – During Storage
- 8 – After Storage

CHEMICAL PRODUCT NAME	LINE	1 What product was applied? <i>(in Respondent Booklet)</i>		2 When was this product applied? <i>[Enter code from above.]</i>	3 What was the total quantity of 2005 crop year potatoes treated with this chemical <i>(column 1)?</i>
		(a) COMMON OR TRADE NAME	(b) PRODUCT CODE		
	01		302	303	304
	02		302	303	304
	03		302	303	304
	04		302	303	304
	05		302	303	304
	06		302	303	304
	07		302	303	304
	08		302	303	304
	09		302	303	304
	10		302	303	304

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

LINE NO.	EPA No. or Trade name and Formulation	Form Purchased <i>(Liquid or Dry)</i>	Where Purchased <i>[Ask only if EPA No. cannot be reported.]</i>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

B

POSTHARVEST CHEMICAL TREATMENTS APPLIED

B

UNIT CODES FOR COLUMN 4

4 - SHORT TON (2,000 lbs)
 5 - CWT. (100 lbs)/SACK
 6 - POUNDS (lbs)
 7 - METRIC TON (2,204.6 lbs)
 8 - BARREL (165 lbs)
 9 - OTHER

UNIT CODES FOR COLUMN 7

1 - POUNDS
 12 - GALLONS
 13 - QUARTS
 14 - PINTS
 15 - OUNCES, LIQUID
 28 - OUNCES, DRY
 30 - GRAMS
 40 - KILOGRAMS
 41 - LITERS
 45 - PELLETS
 46 - TABLETS
 50 - OTHER (Specify)

APPLICATION CODES FOR COLUMN 8

1 - IMMERSION
 2 - SEED TREATMENT
 3 - DIRECT SPRAY
 6 - GAS/FOG
 8 - MIST
 11 - OTHER

LINE	4	5	6	7	8
	[Enter Unit code from above.]	If column 4 unit equals "9" enter pounds per unit. [If unit is pounds, enter 1.0.]	What was the total amount of formulated product applied to the (column 4) amount of potatoes?	[Enter unit code from above.]	What was the method used to apply this product? CODE
01	305	306	307	308	309
02	305	306	307	308	309
03	305	306	307	308	309
04	305	306	307	308	309
05	305	306	307	308	309
06	305	306	307	308	309
07	305	306	307	308	309
08	305	306	307	308	309
09	305	306	307	308	309
10	305	306	307	308	309

Enumerator Notes:

C PEST MANAGEMENT PRACTICES C

Now I have some questions about pest management practices you may have used at your facilities. Include **all potatoes** handled.

T-TYPE	TABLE	LINE
0	000	00

1. **Did you use a ---**

a. aeration controller?

YES – [Enter code 1 and continue.] . **NO** – [Continue.]

CODE
651

b. re-circulation fumigation device?

YES – [Enter code 1 and continue.] . **NO** – [Continue.]

CODE
655

2. How often are your potatoes inspected for insects in your potato storage warehouses?

- | |
|-----------------------------|
| 1 - AUTOMATICALLY MONITORED |
| 2 - HOURLY |
| 3 - DAILY |
| 4 - TWICE A WEEK |
| 5 - WEEKLY |
| 6 - OTHER – (Specify _____) |
| 7 - DO NOT MONITOR |

CODE
685

3. How often do you measure potato temperature and/or humidity in your potato storage warehouses?

- | |
|-----------------------------|
| 1 - AUTOMATICALLY MONITORED |
| 2 - HOURLY |
| 3 - DAILY |
| 4 - TWICE A WEEK |
| 5 - WEEKLY |
| 6 - OTHER – (Specify _____) |
| 7 - DO NOT MONITOR |

CODE
686

C PEST MANAGEMENT PRACTICES

4. Which practices do you use at your potato storage processing facilities---

Did you ---

a. clean and disinfect potato warehouses?

YES – [Enter code 1 and continue.] **NO** – [Continue.] 671

b. use pest/rodent control measures?

YES – [Enter code 1 and continue.] **NO** – [Continue.] 672

c. pick up spilled potatoes/clean surrounding areas?

YES – [Enter code 1 and continue.] **NO** – [Continue.] 673

d. control vegetation around warehouses?

YES – [Enter code 1 and continue.] **NO** – [Continue.] 674

e. clean aeration ducts?

YES – [Enter code 1 and continue.] **NO** – [Continue.] 675

f. clean or sanitize packing/processing facilities and equipment?

YES – [Enter code 1 and continue.] **NO** – [Continue.] 676

5. Did you do any other cleaning activities besides the ones listed above to your storage facilities?

YES – [Enter code 1 and continue.] **NO** [Go to item 6.] 677

a. What did you do? [Record responses below.]

OFFICE USE	
	678
	679
	680
	681

**COMPLETION CODE for
PEST MANAGEMENT SECTION**

1 - Incompl/R	600
3 - Valid Zero	

CONCLUSION

SURVEY PUBLICATIONS

That completes the survey. Would you like to receive a copy of the results in the mail?
 (The survey results will also be available on the Internet at <http://www.nass.usda.gov/>)

YES – [Enter code 1 and continue.] **NO** –
 [Continue.].....

[Thank the respondent then review this questionnaire.]

CODE

099

ENDING TIME

[MILITARY].....

005
_ _ _ _ _

**OFFICE USE
TIME IN HOURS**

006

RECORDS USE

Did respondent use operation records to report chemical data?

YES – [Enter code 1 and continue.] **NO** –
 [Continue.].....

064

SUPPLEMENTS USED

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

NUMBER

068

Reported by: _____ Telephone No.(____) _____

Response		Respondent		Mode		Enum ID	Eval	Date			R Unit	Adj Factor	Optional	Optional
								MM	DD	YY				
1-Comp	9901	1- Op/Mgr	9902	2-Tel	9903	098	100	9910			921	922	002	003
2-R		2-Sp		3-Face-to										
3-Inac		3-Acct/Bkpr		-Face										
4-Office Hold		4-Partner												
8-Known Zero		9-Other												
										06				
S/E Name														