

Potato Tuberworm PTW (*Phthorimaea operculella*) Survey Update December 2, 2005

On November 21 ISDA began taking down most of the 461 deployed PTW traps. Since the positive of October 26 no new suspicious moths have been trapped nor any positive PTW traps confirmed. The survey trapped a total of 19 moths from August 26 (first positive) through December 2. The table reports survey results as of December 2, 2005

PTW Survey Summary

During the 2005 growing season, the University of Idaho potato tuberworm (PTW) survey was initiated, under the direction of Dr. Juan Alvarez and funded through a grant from the Idaho Potato Commission. U of I personnel placed 36 traps in potato fields across southern Idaho. On August 26, 2005, two adult moths were trapped on the edge of the variety trail plots at the U of I Experiment Station in Parma. In reaction to this positive and as a result of September 8 meeting of ISDA, University and industry officials, it was decided that ISDA would implement a more extensive survey of the potato growing areas of the state to include commercial and seed fields as well as packing and processing facilities. A total of 461 were deployed across southern Idaho in production fields and at processing or fresh pack facilities.

In addition, ISDA will get updates from Oregon Department of Agricultural and Oregon State University officials to report PTW trapping results in eastern Oregon particularly Malheur County which has potato production contiguous with SW Idaho counties.

Potato Tuberworm Best Management Practices (BMP's) have been published and are posted at the ISDA website <http://www.agri.idaho.gov/>.

☞ **Positive Trap Summary:**

Canyon County – U of I Parma Experiment Station and 8 commercial fields, 4 growers, 15 PTW moths

Payette County – 1 field, 1 grower, 1 PTW moth

Elmore County – 2 fields, 2 growers, 3 PTW moths

☞ **As of the date of this report no potato tuber moths have been captured east of Elmore County.**

Southwest Idaho (*Treasure Valley*)

County	Number of Traps	Trap Record to Date	Location of Positives
Canyon Summary: U of I Exp. Station 4 growers	98	August 26 - 1 st Idaho Positive	U of I, Parma Experiment Station
		September 21 - 2 commercial field traps	Parma

8 commercial fields		September 29 - 1 commercial field trap	Roswell
		October 10 – 1 commercial field	Apple Valley
		October 17 – 3 commercial field traps	Parma
		October 17 – 1 commercial field trap	Apple Valley
		October 24-31 – 3 commercial field traps	Parma Junction 95 and 20/26
Elmore Summary: 2 growers 2 fields	24	October 10 – 1 commercial field trap	Hammett
		October 14 – 1 commercial field trap	Hammett
		October 14 – 1 commercial field trap	Mountain Home
Payette Summary: 1 grower 1 field	16	October 26 – 1 commercial field trap	Fairview and Hwy 95 area
Owyhee	4	Negative	
SW Area Total = 142			

South Central Idaho (*Magic Valley - Burley District*)

County	Number of Traps	Trap Record to Date	Location of Positives
Blaine	6	Negative	
Cassia	29	Negative	
Gooding	12	Negative	
Jerome	14	Negative	
Lincoln	2	Negative	
Minidoka	31	Negative	
Twin Falls	18	Negative	
South central Totals = 112			

Southeast Idaho (*Blackfoot District*)

County	Number of Traps	Trap Record to Date	Location of Positives
Bingham	40	Negative	
Butte	4	Negative	
Caribou	6	Negative	
Custer	2	Negative	
Power	31	Negative	
Southeast Idaho Totals = 83			

Northeast Idaho (*Idaho Falls District*)

County	Number of Traps	Trap Record to Date	Location of Positives
Bonneville	33	Negative	
Fremont	25	Negative	
Jefferson	27	Negative	
Lemhi	2	Negative	
Madison	25	Negative	
Teton	12	Negative	
Northeast Idaho Totals = 124			

Eastern Oregon (Data provided by O.D.A and O.S.U.)

County	Number of Traps	Trap Record to Date	Location of Positives
Baker	ODA 6	1 positive trap June 15 – July 26	Haines
		1 positive trap June 15 – July 26	North Powder
Malheur	ODA 14 OSU 14	1 positive trap June 15 - July 27	Vale area
		2 positive traps reported 11/03/05	Adrian area
Union	ODA 5 traps	3 positive traps - Oct 10	Summerville