

IDAHO POTATO PULSE



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 Website: www.idahopotato.com

U-Idaho ZC and potato psyllid update – 21 Sep 2012

From Erik Wenninger via www.PNWpestAlert.net:

Potato psyllids continue to be trapped on yellow sticky cards across several sites being monitored by the University of Idaho in the Magic Valley. Of the remaining sites that have not undergone vine kill, numbers of adults were similar to or higher than during the previous three weeks. Nymphs and/or eggs were found at three sites in the Magic Valley; 44, 58, and 7 eggs per 100 leaf samples were found at sites 3, 4, and 5, respectively (see below), and 40, 23, and 0 nymphs per 100 leaf samples were found at sites 3, 4, and 5, respectively (see below). All but one site has now undergone vine kill. Only site 2 (in Jerome County) will be monitored next week. Reports of liberibacter incidence in samples will continue to be reported as the numbers come in. See the link below to view a table that details where (by county) and when potato psyllids and liberibacter have been found so far during this season in Idaho.

Tubers from the Kimberly R&E Center (site 7, below) were harvested today and will be evaluated for development of ZC symptoms over the storage season.

Refer to the sites below for guidance on scouting and IPM programs for potato psyllids and to view trap captures in Idaho so far over the season.

<http://www.kimberly.uidaho.edu/potatoes/>

<http://ir.library.oregonstate.edu/xmlui/bitstream/handle/1957/30058/pnw633.pdf>

sample week:		8	9	10	11	12	13	14	15	16
week of:		16-Jul	23-Jul	30-Jul	6-Aug	13-Aug	20-Aug	27-Aug	3-Sep	11-Sep
sample:		sticky trap vacuum leaf sample	sticky trap vacuum leaf sample	sticky trap vacuum leaf sample	sticky trap vacuum leaf sample	sticky trap vacuum leaf sample	sticky trap vacuum leaf sample	sticky trap vacuum leaf sample	sticky trap vacuum leaf sample	sticky trap vacuum leaf sample
Station		#Lso / #psyllids	#Lso / #psyllids	#Lso / #psyllids	#Lso / #psyllids	#Lso / #psyllids	#Lso / #psyllids	#Lso / #psyllids	#Lso / #psyllids	#Lso / #psyllids
1 Gooding		0 0 0	0/1 0 0	0 0 0	0/2 0 0	?/2 0 0	?/3 0 0	?/1 0 1	?/4 0 22	[vine kill]
2 Jerome1		0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	?/1 0 0	?/1 0 0	?/3 0 0	0 0 0
3 TwinFalls 1		3/7 1/1 0	2/9 0 0	26/54 0 0	21/38 0 0	?/23 ?/1 0	?/80 0 0	?/162 ?/3 0	?/172 ?/6 1	?/161 ?/1 4
4 Jerome 2		2/6 0 0	4/6 1/1 0	4/8 0 0	1/4 0 0	?/24 ?/4 0	?/42 ?/1 0	?/70 ?/2 0	?/101 ?/1 4	?/71 ?/5 19
5 TwinFalls 2		3/4 0 0	0 0 0	1/1 0 0	0/1 0 0	0 0 0	0 0 0	?/1 0 0	?/3 0 0	?/9 0 0
6 Minidoka		0 0 0	0/2 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	[vine kill]
7 KREC		3/8 0 0	1/2 0 0	6/16 1/2 0	4/12 0 0	?/15 0 0	?/18 0 0	?/19 0 1	?/44 0 0	?/16 0 0
8 Canyon 1		0 0 0	[vine kill]	.	.	.	.	.	.	.
9 Canyon 2		0 0 0	[vine kill]	.	.	.	.	.	.	.
10 Canyon 3		0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
11 Canyon 4		0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
12 Canyon 5		.	0 0 0	0 0 0	0 0 0	0 0 0	?/1 0 0	?/1 0 0	0 0 0	0 0 0
13 Bonneville		0 0 0	0/3 0 0	0 0 0	0 0 0	0 0 0	0 0 0	[vine kill]	.	.
14 Bingham		0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
15 Power		0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
16 Madison		0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0

*positive for liberibacter (psyllids combined into one sample)

? = awaiting liberibacter test results