

IDAHO POTATO PULSE



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U-Idaho ZC and potato psyllid update – 14 Sep 2012

From Erik Wenninger via www.PNW PestAlert.net:

Potato psyllids continue to be found on yellow sticky cards across several sites being monitored by the University of Idaho in the Magic Valley. For most sites, numbers of adults were similar to the previous two weeks. Nymphs continue to be found at two sites, and eggs were found on three sites; 1, 21, and 97 eggs were sampled from sites 2, 3, and 4, respectively, across 100 leaf samples at each site. Samples may be taken one more week on remaining Magic Valley sites before vine kill. No potato psyllids were found this week in the UI sampling network in western or eastern Idaho, and only one site (in Power County) will be sampled next week (vine kill has occurred on all other sites). A portion of the psyllids collected in previous weeks continues to test positive for liberibacter, the causal agent of ZC. 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.

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	Jerome 1	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