Oregon State University

POTATO UPDATE

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LATE BLIGHT UPDATE. Again, there have been no large developments in the late blight situation since last week. Late blight is present in several potato fields north of Pasco but the disease intensity is low. The strain of the late blight pathogen is US-8, which is mefenoxam resistant. Although the end of the growing season is near, you should:

1) Continue your fungicide programs until harvest, a 7-10 day schedule for sprinkler irrigated fields
2) Scout your fields so that you know the risk of tuber infection in your crop
3) Not over water – water demands of potato have decreased
4) Harvest during dry weather, if possible, and sort out rotten potatoes prior to storage
5) Monitor tubers in storage for rot, especially in the first 6 – 8 weeks
6) Inform us of any new detections

PLANT PATHOLOGY CLINIC UPDATE. This week the clinic received 543 potato psyllids and no '*Candidatus* Liberibacter solanacearum' (Lso) was detected. This week, several cases of Pythium 'leak', caused by *Pythium* spp., and blackleg, caused by *Pectobacterium* spp. Please get in touch if you have questions about disease issues ore would like to submit samples to us (541-567-8321 or email Robert.cating@oregonstate.edu).

FROM TRAPPING ROUTE (see table below). Next week will be the final week for insect trapping in 2018. This week potato psyllids were collected at 4 of 26 sample locations; potato tuberworms were found in 9 of 27 locations; Lygus were found at 15 of 25 locations. See the interactive map for more detailed information about insect counts on the trapping route this week.

Thanks to the Oregon Potato Commission for sponsoring our trapping and extension efforts. In addition, special thanks to Anderson geographic & consulting for sponsoring our interactive map
https://agpass.maps.arcgis.com/apps/webappviewer/index.html?id=8f3577c883ab4ac58f262b4cd04ff569

Oregon POTATOES

anderson geographics & consulting

PTM: Potato Tuber Moth, BLH: Beet Leafhoppers; OLH: Other Leaf Hoppers; PP: Potato Psyllids; OP: Other Psyllids; GPA: Green Peach Aphid; PA: Potato Aphids; OA: Oher Aphids. BLH and Lygus already present in some fields. Lygus data presented include immatures and adults. -1 data not available.

Date	Trap ID	PTM	BLH	OLH	PP	OP	GPA	PA	OA	Lygus
5-Sep	1	5	0	0	0	0	0	0	0	0
5-Sep	2	-	-	-	-	-	-	-	-	-
5-Sep	3	1	0	0	0	0	0	0	0	0
5-Sep	4	6	6	2	0	0	0	2	1	4
5-Sep	5	0	0	0	2	0	0	0	0	3
5-Sep	6	-	-	-	-	-	-	-	-	-
5-Sep	7	11	0	0	0	0	0	5	8	0
5-Sep	8	0	5	0	1	0	0	0	0	2
5-Sep	9	0	0	0	7	0	1	0	2	2
5-Sep	10	0	0	0	6	0	0	0	3	0
5-Sep	11	0	0	0	0	0	0	0	0	1
5-Sep	12	1	0	1	0	0	1	4	8	0
5-Sep	13	0	0	1	0	0	0	0	0	0
5-Sep	14	12	3	0	0	0	1	0	0	0
5-Sep	15	-	-	-	-	-	-	-	-	-
5-Sep	16	2	0	0	0	0	0	0	0	4
5-Sep	17	-	-	-	-	-	-	-	-	-
5-Sep	18	-	-	-	-	-	-	-	-	-
5-Sep	19	-	-	-	-	-	-	-	-	-
5-Sep	20	0	0	0	0	1	-	-	-	2
5-Sep	21	0	0	1	-	-	-	-	-	-
5-Sep	22	0	0	0	0	0	0	0	0	0
5-Sep	23	0	0	1	0	18	0	0	0	2
5-Sep	24	0	1	3	0	0	0	0	0	4
5-Sep	25	2	0	0	0	0	0	0	0	8
5-Sep	26	-	-	-	-	-	-	-	-	-
5-Sep	27	0	0	0	-	-	0	0	0	-
5-Sep	28	-	-	-	-	-	-	-	-	-
5-Sep	29	0	0	0	0	0	0	0	0	8
5-Sep	30	0	0	0	0	0	0	0	0	5
5-Sep	31	0	0	0	0	0	0	0	2	8
5-Sep	32	-	-	-	-	-	-	-	-	-
5-Sep	33	0	0	0	0	0	0	0	0	4
5-Sep	34	84	0	0	0	0	4	0	3	1
5-Sep	35	0	0	0	0	0	0	0	0	0
5-Sep	36	0	0	0	0	0	0	0	0	0
5-Sep	37	-	-	-	-	-	-	-	-	-