

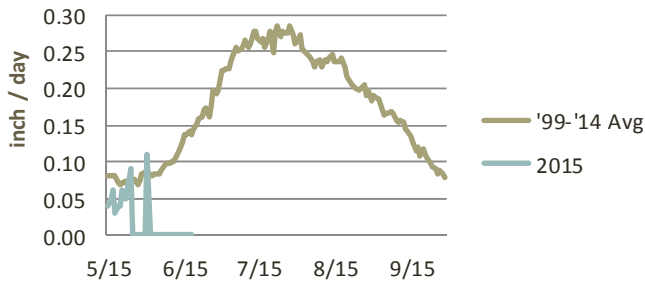
# Potato Bytes

**Klamath Basin Research and Extension Center**  
**6941 Washburn Way**  
**Klamath Falls, Oregon 97603**  
**(tel)541-883-4590 (fax) 541-883-4596**  
<http://oregonstate.edu/dept/kbrec>



**Brian A. Charlton, Research and Extension Agent -541-591-1255**  
**Nichole Baley, Faculty Research Assistant 530-598-8533**

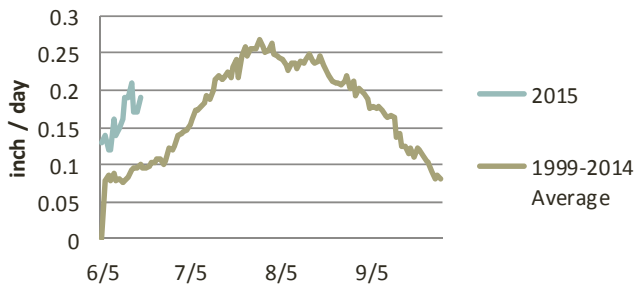
## Potato Crop Water Use Early Planting



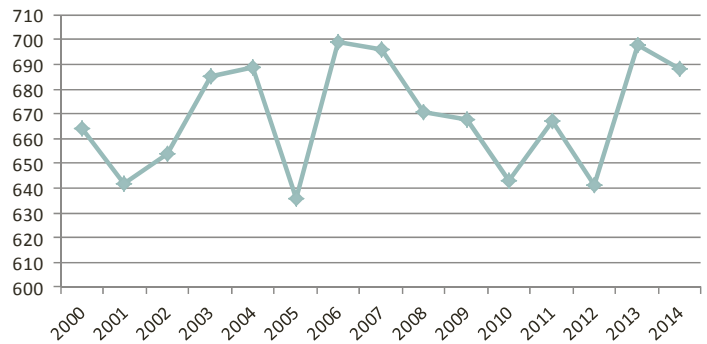
## Inside this Issue:

- Crop Water Use: 1**
- Soil Degree Data: 2**
- Insect Trap Report 3**

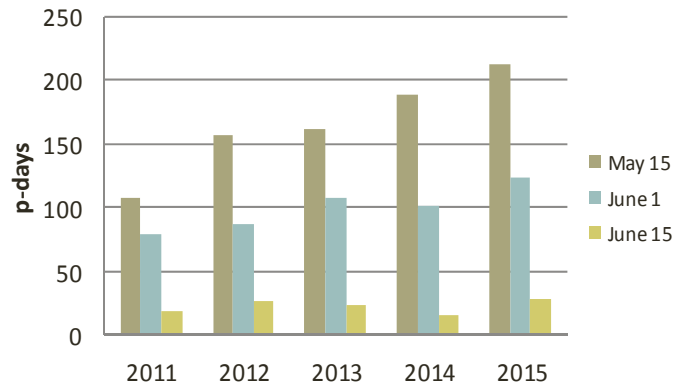
## Potato Crop Water Use Late Planting



## Historical P-day Accumulation June 1 - September 15



## Total P-Day Accumulation Estimated Emergence - June 18th



### KBREC

Actual Water Use:	Inches	
	Early	Late
Planting Date:	Early	Late
Last 3 days:	0.71	0.53
Last 7 days:	1.75	1.28
Last 14 days:	3.15	2.24
Estimated Water Use:		
Next 7 days	1.61	1.19

# Potato Bytes

Klamath Basin Research and Extension Center  
6941 Washburn Way  
Klamath Falls, Oregon 97603  
(tel)541-883-4590 (fax) 541-883-4596  
<http://oregonstate.edu/dept/kbrec>



Brian A. Charlton, Research and Extension Agent -541-591-1255  
Nichole Baley, Faculty Research Assistant 530-598-8533

## Soil Degree-Day Accumulation -- KBREC and IREC 2015

For Root-knot nematode control, Vydate applications should begin at 800 degree-days (DD<sub>5C</sub>). To estimate that date, add the number of Total degree-days "Total" on the day you planted to 800. Where that value occurs in the "Total" column estimates the date on which 800 DD<sup>5C</sup> will occur in that field. It is recommended that applications continue every 14 days until harvest.

For Stubby-root nematode control, Vydate applications should begin at 0 degree-days (at planting) and followed by an application at the first full irrigation following emergence. An additional application is recommended at 800 degree-days (DD<sub>5C</sub>).

Date	KBREC DD <sub>5C</sub>		IREC DD <sub>5C</sub>		Date	KBREC DD <sub>5C</sub>		IREC DD <sub>5C</sub>		Date	KBREC DD <sub>5C</sub>		IREC DD <sub>5C</sub>	
	Daily	Total	Daily	Total		Daily	Total	Daily	Total		Daily	Total	Daily	Total
4/15/15	4.8	4.8	2.3	2.3	5/11/15	8.6	231.7	8.6	179.9	6/6/15	12.8	491.5	14.1	454.5
4/16/15	5.1	9.9	3.1	5.4	5/12/15	6.2	237.9	7.4	187.3	6/7/15	13.7	505.2	14.6	469.1
4/17/15	6.6	16.5	4.2	9.6	5/13/15	5.7	243.6	6.9	194.2	6/8/15	14.3	519.5	15.4	484.6
4/18/15	8.0	24.5	5.1	14.7	5/14/15	6.8	250.3	7.4	201.6	6/9/15	14.8	534.3	15.9	500.5
4/19/15	8.4	32.9	5.3	20.0	5/15/15	7.0	257.4	7.3	208.9	6/10/15	14.5	548.8	15.6	516.1
4/20/15	9.0	41.9	5.6	25.6	5/16/15	6.6	263.9	7.1	216.0	6/11/15	13.8	562.6	15.5	531.5
4/21/15	9.8	51.7	5.8	31.4	5/17/15	8.6	272.5	8.0	224.0	6/12/15	14.3	576.9	16.1	547.6
4/22/15	10.1	61.8	6.2	37.6	5/18/15	8.7	281.2	8.5	232.4	6/13/15	5.9	582.8	15.8	563.4
4/23/15	10.5	72.2	5.9	43.6	5/19/15	8.1	289.3	8.5	241.0	6/14/15	14.2	597.0	15.6	579.0
4/24/15	9.4	81.6	5.2	48.8	5/20/15	8.5	297.8	8.9	249.9	6/15/15	14.5	611.5	15.8	594.8
4/25/15	9.4	91.1	4.8	53.6	5/21/15	9.1	306.8	9.7	259.6	6/16/15	14.3	625.9	15.7	610.5
4/26/15	9.1	100.2	4.6	58.2	5/22/15	9.3	316.1	10.1	269.6	6/17/15	14.4	640.2	15.6	626.2
4/27/15	9.0	109.1	6.3	64.5	5/23/15	9.3	325.5	9.6	279.3	6/18/15	14.8	655.1	16.2	642.4
4/28/15	8.2	117.4	7.2	71.6	5/24/15	10.6	336.0	10.4	289.7	6/19/15				
4/29/15	8.4	125.8	7.3	78.9	5/25/15	11.5	347.5	11.1	300.8	6/20/15				
4/30/15	8.0	133.8	7.0	86.0	5/26/15	11.5	359.0	11.7	312.5	6/21/15				
5/1/15	8.6	142.4	7.7	93.7	5/27/15	11.7	370.8	12.4	324.9	6/22/15				
5/2/15	9.2	151.7	8.6	102.3	5/28/15	12.1	382.9	12.7	337.6	6/23/15				
5/3/15	9.7	161.3	9.0	111.3	5/29/15	12.7	395.5	13.4	351.0	6/24/15				
5/4/15	9.8	171.2	9.7	121.0	5/30/15	13.4	408.9	13.9	364.8	6/25/15				
5/5/15	9.3	180.4	9.6	130.6	5/31/15	12.7	421.6	13.3	378.1	6/26/15				
5/6/15	8.3	188.7	8.4	139.0	6/1/15	11.5	433.1	12.3	390.4	6/27/15				
5/7/15	7.6	196.4	7.8	146.7	6/2/15	11.0	444.0	12.2	402.6	6/28/15				
5/8/15	8.5	204.8	7.8	154.6	6/3/15	11.4	455.5	12.3	414.9	6/29/15				
5/9/15	8.9	213.7	8.1	162.7	6/4/15	11.6	467.0	12.5	427.4	6/30/15				
5/10/15	9.4	223.1	8.6	171.2	6/5/15	11.7	478.7	13.0	440.4	7/1/15				

# Potato Bytes

Klamath Basin Research and Extension Center  
6941 Washburn Way  
Klamath Falls, Oregon 97603  
(tel)541-883-4590 (fax) 541-883-4596  
<http://oregonstate.edu/dept/kbrec>



Brian A. Charlton, Research and Extension Agent -541-591-1255  
Nichole Baley, Faculty Research Assistant 530-598-8533

## Insect Trap Report June 8 – June 15

### Klamath County

TRAP	LOCATION	PTW	BLH	OLH	OP	PP
1	Old Hwy. R. Clark	0	0	95	0	0
2	Micka NW 1/4 Pivot	0	0	4	2	0
3	Sutty S of RxR	0	0	3	5	0
4	Hwy. 39 E of Merrill	0	0	5	7	0
5	Spring Lake S of X-Rd	0	0	10	4	0
6	Homedale S of Diversion	0	0	15	18	0
7	S SideBy-Pass	0	1	8	12	0
8	A-B Line A-11	0	0	0	11	0
9	Hwy. 140	0	0	0	6	0

PTW: Potato Tuberworm  
BLH: Beet Leafhoppers  
OLH: Other Leafhoppers  
OP: Other Psyllids  
PP: Potato Psyllids

### Modoc and Siskiyou

1	Copic Bay	0	0	4	0	0
2	Panhandle	0	0	25	4	0
3	South West Sump	N/A	N/A	N/A	N/A	N/A
4	Frog Pond	N/A	N/A	N/A	N/A	N/A
5	Wright Rd.	0	0	1	2	0
6	101 E. of Rd 111	0	0	2	1	0
7	101 W of Rd. 113	N/A	N/A	N/A	N/A	N/A
8	Stateline E of Drain 10	0	0	19	3	0
9	Stateline W of Walsh Rd.	0	0	1	4	0

### Aphid Traps

	PA	GPA	OA	OP	PP	
1	Keno/Warden Rd.	N/A	N/A	N/A	N/A	N/A
2	Lower Lake	N/A	N/A	N/A	N/A	N/A
3	Malin County Rd. 112	N/A	N/A	N/A	N/A	N/A
4	Malin	N/A	N/A	N/A	N/A	N/A
5	Harpold Rd.	N/A	N/A	N/A	N/A	N/A
6	Schauppe Rd.	N/A	N/A	N/A	N/A	N/A
7	Teare	N/A	N/A	N/A	N/A	N/A
8	Bly Mountain	N/A	N/A	N/A	N/A	N/A
9	Yonna Drive	N/A	N/A	N/A	N/A	N/A
10	Mitchell Rd.	N/A	N/A	N/A	N/A	N/A

PA: Potato Aphid  
GPA: Green Peach Aphid  
OA: Other Aphids  
OP: Other Psyllids  
PP: Potato Psyllids