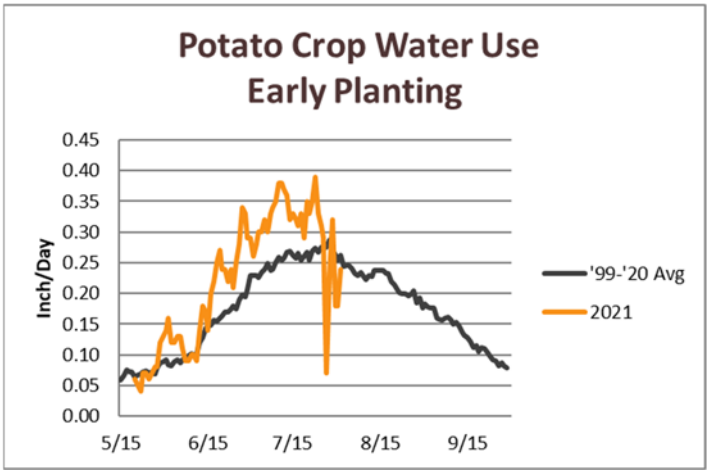
Potato Bytes

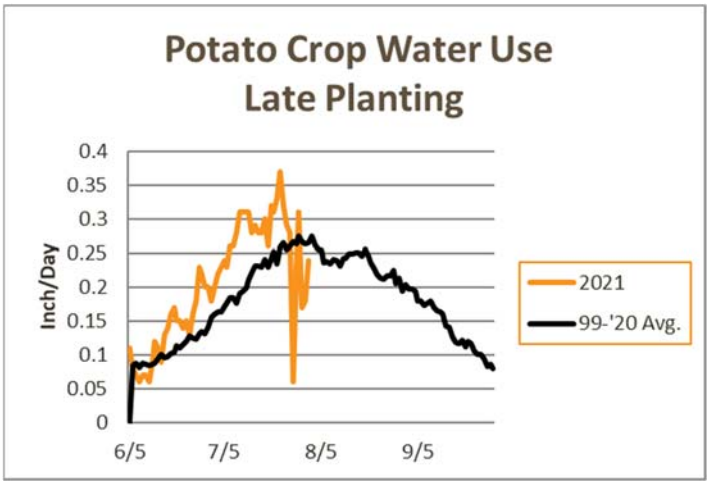
Volume: 13
Issue: 6
Date: July 30, 2021

Klamath Basin Research and Extension Center
6941 Washburn Way
Klamath Falls, Oregon 97603
541-883-4590
http://oregonstate.edu/dept/kbrec

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

Oregon State University
Klamath Basin Research and Extension Center





KBREC			
Actual Water Use:		Inches	
Planting Date:	Early		Late
Last 3 days:	0.60		59.00
Last 7 days:	1.51		1.47
Last 14 days:	3.82		3.67
Estimated Water Use:			
Next 7 days	1.61		1.54

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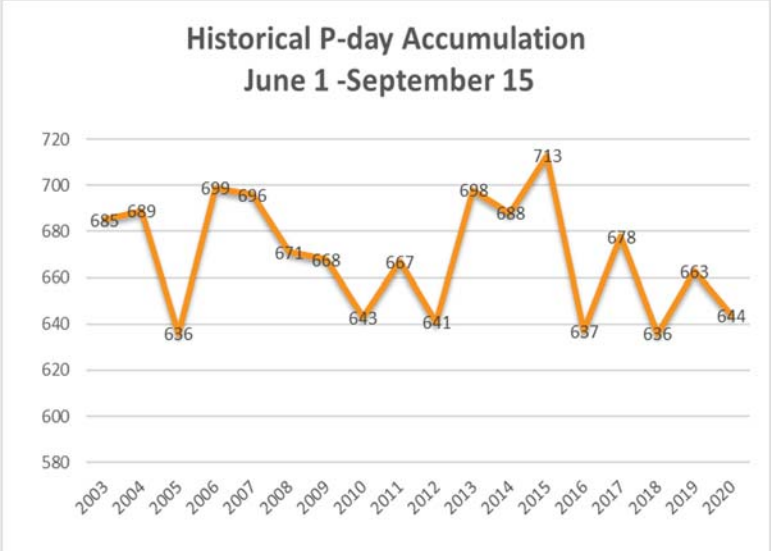

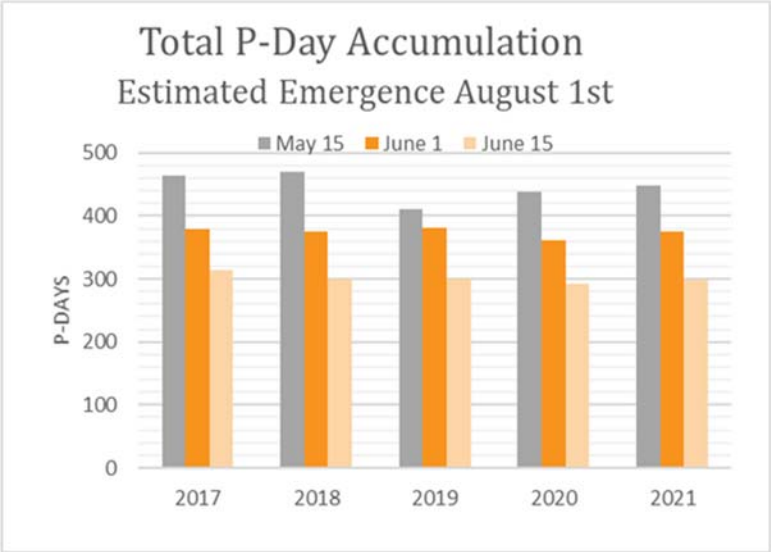

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Soil Degree-Day Accumulation -- KBREC and IREC 2021

For Root-knot nematode control, nematicide applications should begin at 800 degree-days (DD_{5C}). 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^{5C} will occur in that field. It is recommended that applications continue every 14 days until harvest.

For Stubby-root nematode control, nematicide 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_{5C}).

	KBREC DD_{5C}		IREC DD_{5C}			KBREC DD_{5C}		IREC DD_{5C}			KBREC DD_{5C}		IREC DD_{5C}	
Date	Daily	Total	Daily	Total	Date	Daily	Total	Daily	Total	Date	Daily	Total	Daily	Total
4/15/21	4.2	4.2	2.7	2.7	**5/11/21**	9.16	179.3	7.8	147.7	**6/6/21**	14.4	478.6	12.5	417.3
4/16/21	4.8	9.0	3.3	6.0	**5/12/21**	10	189.3	8.4	156.1	**6/7/21**	13.8	492.5	11.4	428.7
4/17/21	5.1	14.1	3.6	9.6	**5/13/21**	10.6	199.9	9.0	165.0	**6/8/21**	13.4	505.9	11.2	439.8
4/18/21	5.5	19.6	3.9	13.4	**5/14/21**	11.1	211.0	9.8	174.8	**6/9/21**	13.1	518.9	10.5	450.3
4/19/21	6.1	25.7	4.5	18.0	**5/15/21**	11.0	222.1	10.1	184.9	**6/10/21**	12.6	531.6	10.3	460.6
4/20/21	6.7	32.4	4.8	22.8	**5/16/21**	11.0	233.1	9.9	194.8	**6/11/21**	12.6	544.2	10.4	471.0
4/21/21	5.7	38.1	4.5	27.3	**5/17/21**	11.5	244.6	10.2	205.0	**6/12/21**	12.1	556.2	10.3	481.4
4/22/21	5.9	44.0	4.6	31.9	**5/18/21**	11.6	256.2	10.1	215.1	**6/13/21**	12.7	568.9	10.8	492.2
4/23/21	5.9	49.9	4.5	36.5	**5/19/21**	11.4	267.5	10.0	225.1	**6/14/21**	13.5	582.4	11.1	503.2
4/24/21	6.4	56.3	4.8	41.2	**5/20/21**	10.4	277.9	9.2	234.3	**6/15/21**	13.4	595.8	10.7	514.0
4/25/21	5.2	61.4	4.2	45.5	**5/21/21**	9.5	287.4	8.0	242.3	**6/16/21**	13.4	609.2	11.1	525.1
4/26/21	4.1	65.5	3.5	49.0	**5/22/21**	8.8	296.3	7.4	249.7	**6/17/21**	14.2	623.4	12.4	537.5
4/27/21	3.9	69.4	4.1	53.0	**5/23/21**	7.9	304.2	12.8	262.5	**6/18/21**	15.1	638.5	13.2	550.7
4/28/21	5.0	74.4	4.6	57.7	**5/24/21**	8.9	313.1	7.8	270.3	**6/19/21**	15.8	654.4	13.7	564.4
4/29/21	6.3	80.7	5.6	63.3	**5/25/21**	9.7	322.7	8.5	278.8	**6/20/21**	16.2	670.6	14.3	578.6
4/30/21	7.4	88.1	6.6	69.8	**5/26/21**	9.1	331.9	8.6	287.5	**6/21/21**	16.8	687.4	14.7	593.3
5/1/21	8.1	96.3	6.7	76.5	**5/27/21**	10.3	342.2	9.0	296.5	**6/22/21**	17.4	704.8	15.7	609.0
5/2/21	7.8	104.1	6.6	83.1	**5/28/21**	10.4	352.6	9.0	305.5	**6/23/21**	16.6	721.4	16.1	625.1
5/3/21	7.4	111.5	6.7	89.7	**5/29/21**	11.3	363.9	9.6	315.0	**6/24/21**	15.7	737.1	15.8	640.9
5/4/21	7.8	119.3	7.2	97.0	**5/30/21**	12.2	376.1	10.3	325.3	**6/25/21**	16.5	753.5	15.2	656.1
5/5/21	8.2	127.5	7.4	104.4	**5/31/21**	13.1	389.2	11.0	336.3	**6/26/21**	16.7	770.3	15.1	671.2
5/6/21	9.0	136.5	7.5	111.9	**6/1/21**	14.0	403.2	11.7	348.1	**6/27/21**	17.8	788.1	15.5	686.7
5/7/21	9.0	145.4	7.2	119.1	**6/2/21**	14.8	418.0	13.3	361.3	**6/28/21**	18.5	806.5	16.0	702.7
5/8/21	8.1	153.5	6.6	125.6	**6/3/21**	15.4	433.4	14.9	376.2	**6/29/21**	18.8	825.4	16.3	719.0
5/9/21	8.2	161.7	6.9	132.6	**6/4/21**	15.5	448.9	14.6	390.8	**6/30/21**	19.0	844.3	16.6	735.6
5/10/21	8.4	170.1	7.3	139.9	**6/5/21**	15.3	464.2	13.9	404.7	**7/1/21**	19.0	863.3	17.2	752.8

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	KBREC DD_{5C}		IREC DD_{5C}			KBREC DD_{5C}		IREC DD_{5C}	
Date	Daily	Total	Daily	Total	Date	Daily	Total	Daily	Total
7/2/21	18.8	882.1	17.1	770.0	7/28/21	17.92	1358.818	15.1	1191.0
7/3/21	19.2	901.3	17.2	787.1	7/29/21	18.42	1377.242	15.4	1206.4
7/4/21	19.4	920.7	16.8	804.0	7/30/21	18.51	1395.751	15.1	1221.5
7/5/21	19.3	940.0	16.5	820.5	7/31/21	17.58	1413.336	14.9	1236.4
7/6/21	20.8	960.0	16.4	836.9	8/1/21	17.57	1430.91	15.4	1251.8
7/7/21	20.8	980.8	16.1	852.9	8/2/21				
7/8/21	16.8	997.6	15.0	867.9	8/3/21				
7/9/21	18.0	1015.6	15.1	883.0	8/4/21				
7/10/21	18.5	1034.1	15.4	898.4	8/5/21				
7/11/21	18.7	1052.8	15.4	913.7	8/6/21				
7/12/21	18.7	1071.5	16.0	929.7	8/7/21				
7/13/21	15.0	1086.5	16.6	946.2	8/8/21				
7/14/21	16.4	1103.0	16.5	962.7	8/9/21				
7/15/21	17.7	1120.7	16.5	979.2	8/10/21				
7/16/21	15.3	1135.9	16.5	995.7	8/11/21				
7/17/21	17.1	1153.0	16.5	1012.2	8/12/21				
7/18/21	16.6	1169.6	16.5	1028.7	8/13/21				
7/19/21	17.7	1187.2	16.3	1045.0	8/14/21				
7/20/21	16.8	1204.1	16.1	1061.1	8/15/21				
7/21/21	18.0	1222.1	16.3	1077.4	8/16/21				
7/22/21	19.1	1241.2	16.9	1094.3	8/17/21				
7/23/21	20.0	1261.2	16.6	1110.9	8/18/21				
7/24/21	20.1	1281.3	16.4	1127.3	8/19/21				
7/25/21	19.7	1301.0	16.4	1143.7	8/20/21				
7/26/21	20.1	1321.1	16.5	1160.1	8/21/21				
7/27/21	19.8	1340.9	15.7	1175.9	8/22/21				

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Insect Trap Report
July 21 – July 26

Modoc and Siskiyou

TRAP	LOCATION	PTW	BLH	OLH	OP	PP
1	SW Sump	0	0	6	0	0
2	Frog Pond	0	0	11	0	0
3	Rd 111	0	0	1	0	0
4	Rd 121	0	0	1	0	0
5	Copic Bay	0	0	20	0	0
6	Stronghold Rd.	0	0	0	0	0
7	Tschirky Rd.					
8	Stateline Rd.	0	0	11	0	0
9	Hill Rd.	0	0	5	0	0
Klamath County						
1	Adams Pt. Rd	0	0	24	1	0
2	Payger Rd.	0	0	50	0	0
3	Schaupp Rd.	0	0	36	4	0
4	Bly Mountain	0	0	8	0	0
5	Reeder Rd.	0	0	293	0	0
6	Hwy 39	0	0	107	0	0
7	Hwy 97	0	0	2	1	0
8	Running Y	0	0	2	0	0
9	Lower Lake Rd.	0	0	1	0	0

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

Aphid Traps

		PA	GPA	OA	OP	PP
1	Caldonia	0	0	10	0	0
2	Keno	0	0	0	0	0
3	Lower Lake	0	0	0	0	0
4	Malin– Evans Rd.	0	0	2	0	0
5	Malin– Shadow Hill	2	0	4	0	0
6	Yonna Wood Dr.	0	0	3	0	0
7	Swan Lake	0	0	0	0	0
8	Macdole	0	0	0	0	0

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