Potato Bytes

Volume: 12

Issue: 12

Date: September 4, 2020

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

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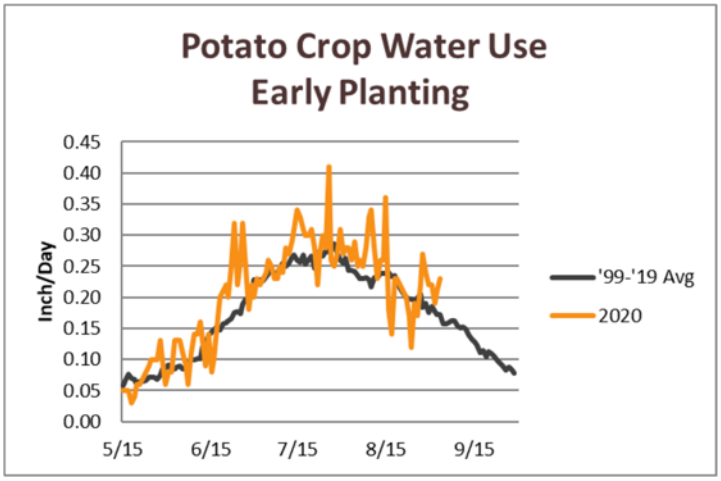

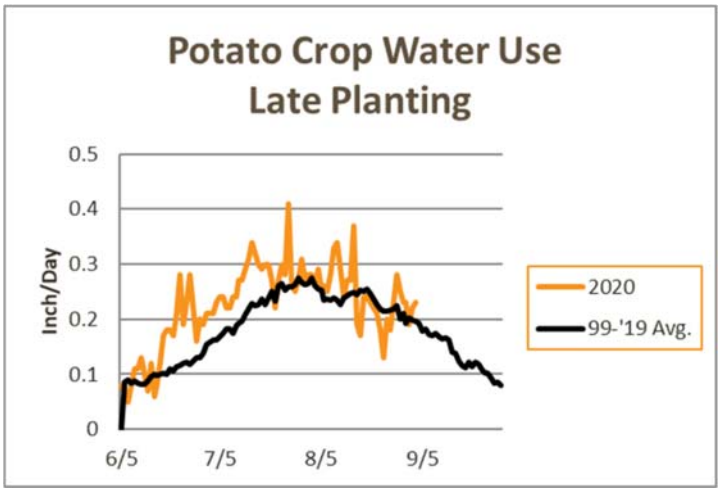

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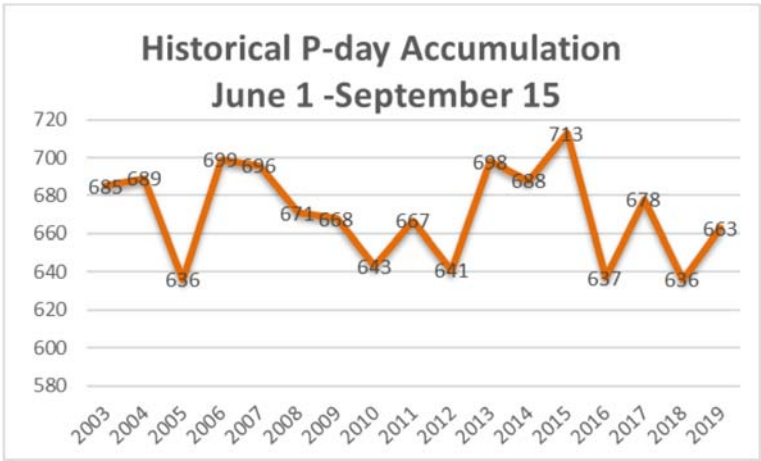
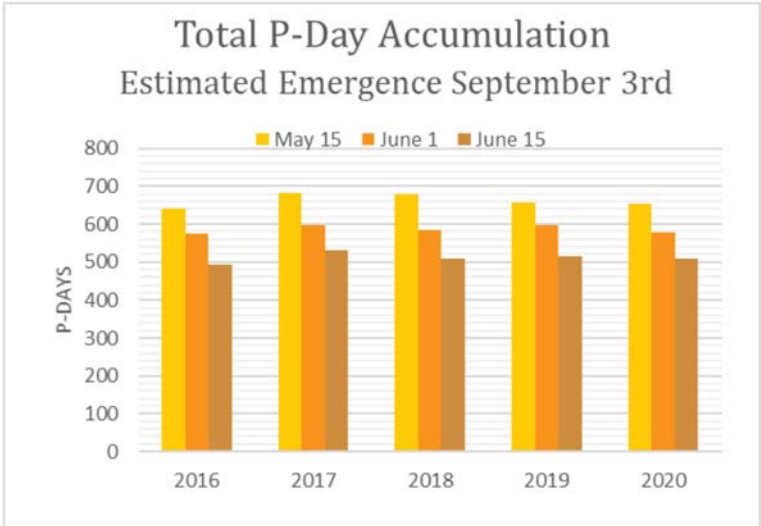


KBREC			
Actual Water Use:		Inches	
Planting Date:	Early		Late
Last 3 days:	0.63		0.64
Last 7 days:	1.58		1.63
Last 14 days:	2.86		2.98
Estimated Water Use:			
Next 7 days	1.47		1.61



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Soil Degree-Day Accumulation -- KBREC and IREC 2020

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_5		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
4/15/20	5.8	5.8	3.8	3.8	5/11/20	13.4	267.8	6.9	149.9	6/6/20	7.3	497.3	10.1	353.6
4/16/20	4.1	9.9	3.9	7.7	5/12/20	13.7	281.5	6.2	156.1	6/7/20	7.3	504.6	8.8	362.4
4/17/20	4.9	14.7	3.4	11.1	5/13/20	13.4	294.9	5.8	161.8	6/8/20	6.8	511.4	8.4	370.8
4/18/20	6.3	21.1	3.6	14.8	5/14/20	12.8	307.7	5.4	167.2	6/9/20	6.8	518.2	9.2	380.0
4/19/20	7.8	28.9	4.1	18.8	5/15/20	12.7	320.4	5.8	173.1	6/10/20	6.2	524.4	9.8	389.8
4/20/20	8.5	37.4	4.2	23.0	5/16/20	12.5	332.9	6.2	179.3	6/11/20	6.2	530.6	10.1	399.9
4/21/20	9.2	46.6	4.6	27.6	5/17/20	13.4	346.3	5.9	185.1	6/12/20	6.8	537.3	10.2	410.1
4/22/20	9.6	56.1	4.7	32.3	5/18/20	14.2	360.5	5.5	190.6	6/13/20	6.8	544.1	9.7	419.8
4/23/20	9.8	65.9	4.9	37.2	5/19/20	13.9	374.5	5.3	195.9	6/14/20	6.8	550.8	9.8	429.7
4/24/20	9.2	75.2	5.1	42.3	5/20/20	13.3	387.8	5.5	201.4	6/15/20	6.8	557.6	10.4	440.1
4/25/20	9.2	84.4	5.3	47.5	5/21/20	12.0	399.8	5.7	207.0	6/16/20	6.8	564.4	9.4	449.5
4/26/20	9.2	93.6	5.7	53.3	5/22/20	6.8	406.6	5.7	212.8	6/17/20	6.8	571.1	9.7	459.2
4/27/20	9.2	102.8	6.1	59.3	5/23/20	4.5	411.1	6.1	218.9	6/18/20	6.8	577.9	10.3	469.5
4/28/20	11.1	113.9	6.3	65.6	5/24/20	4.5	415.6	6.9	225.8	6/19/20	9.6	587.4	11.1	480.6
4/29/20	11.4	125.3	6.7	72.3	5/25/20	4.5	420.1	7.9	233.6	6/20/20	11.2	598.7	12.0	492.7
4/30/20	12.2	137.5	6.8	79.1	5/26/20	5.1	425.2	8.8	242.5	6/21/20	11.8	610.5	12.5	505.2
5/1/20	12.0	149.6	6.4	85.5	5/27/20	5.1	430.3	9.4	251.9	6/22/20	11.8	622.3	12.8	518.0
5/2/20	12.0	161.5	6.3	91.8	5/28/20	5.6	435.9	10.2	262.1	6/23/20	13.5	635.8	14.6	532.6
5/3/20	11.8	173.3	5.9	97.7	5/29/20	6.2	442.1	10.6	272.7	6/24/20	14.0	649.8	13.7	546.3
5/4/20	11.2	184.5	5.8	103.4	5/30/20	6.8	448.9	10.1	282.8	6/25/20	12.4	662.2	13.7	560.0
5/5/20	11.3	195.9	6.1	109.5	5/31/20	6.8	455.6	9.3	292.1	6/26/20	12.9	675.1	14.1	574.1
5/6/20	11.8	207.7	6.5	116.0	6/1/20	6.8	462.4	9.6	301.7	6/27/20	12.9	688.0	14.3	588.4
5/7/20	11.1	218.8	6.2	122.2	6/2/20	6.8	469.2	9.8	311.5	6/28/20	11.2	699.2	13.7	602.1
5/8/20	11.4	230.2	6.4	128.7	6/3/20	6.8	475.9	10.4	322.0	6/29/20	9.0	708.2	13.0	615.1
5/9/20	12.0	242.1	7.0	135.7	6/4/20	6.8	482.7	10.8	332.7	6/30/20	9.0	717.2	13.2	628.2
5/10/20	12.3	254.4	7.3	143.0	6/5/20	7.3	490.0	10.8	343.5	7/1/20	9.0	726.2	13.0	641.3

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	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
7/2/20	8.4	734.7	12.9	654.2	7/28/20	12.9	1029.7	14.5	1017.3	8/23/20	11.2	1341.0	14.5	1404.8
7/3/20	9.6	744.2	13.2	667.4	7/29/20	13.5	1043.2	14.8	1032.1	8/24/20	11.2	1352.2	14.4	1419.2
7/4/20	10.1	754.4	13.4	680.8	7/30/20	13.5	1056.7	14.6	1046.7	8/25/20	11.2	1363.5	14.2	1433.4
7/5/20	9.6	763.9	13.4	694.3	7/31/20	13.5	1070.2	14.5	1061.2	8/26/20	11.2	1374.7	14.0	1447.4
7/6/20	9.6	773.5	13.7	708.0	8/1/20	12.9	1083.1	14.7	1075.9	8/27/20	11.2	1386.0	14.2	1461.6
7/7/20	9.0	782.5	13.4	721.3	8/2/20	12.9	1096.0	15.3	1091.2	8/28/20	11.8	1397.8	14.1	1475.7
7/8/20	9.6	792.0	13.3	734.6	8/3/20	12.4	1108.4	15.1	1106.3	8/29/20	11.2	1409.0	14.0	1489.8
7/9/20	9.6	801.6	13.6	748.2	8/4/20	12.9	1121.3	15.4	1121.6	8/30/20	10.7	1419.7	13.8	1503.5
7/10/20	9.6	811.2	13.9	762.1	8/5/20	12.9	1134.2	15.4	1137.0	8/31/20	10.1	1429.8	13.7	1517.2
7/11/20	10.7	821.8	14.2	776.3	8/6/20	11.8	1146.0	15.1	1152.1	9/1/20	11.2	1441.0	13.7	1530.9
7/12/20	10.7	832.5	14.4	790.7	8/7/20	10.7	1156.7	14.7	1166.8	9/2/20	11.8	1452.8	13.9	1544.8
7/13/20	11.2	843.8	14.5	805.2	8/8/20	10.7	1167.4	14.6	1181.4	9/3/20	12.9	1465.8	14.1	1558.9
7/14/20	11.2	855.0	14.5	819.7	8/9/20	11.2	1178.6	15.0	1196.5	9/4/20				
7/15/20	11.8	866.8	14.6	834.2	8/10/20	11.8	1190.4	15.3	1211.8	9/5/20				
7/16/20	12.4	879.2	3.8	838.0	8/11/20	11.8	1202.2	15.3	1227.0	9/6/20				
7/17/20	12.4	891.5	15.0	853.0	8/12/20	11.2	1213.4	15.0	1242.0	9/7/20				
7/18/20	12.4	903.9	15.0	868.1	8/13/20	10.7	1224.1	14.8	1256.9	9/8/20				
7/19/20	12.4	916.2	15.2	883.3	8/14/20	10.7	1234.8	15.0	1271.8	9/9/20				
7/20/20	12.9	929.2	15.3	898.6	8/15/20	11.8	1246.6	15.2	1287.0	9/10/20				
7/21/20	12.9	942.1	15.4	914.0	8/16/20	12.4	1259.0	15.1	1302.1	9/11/20				
7/22/20	12.9	955.0	15.2	929.2	8/17/20	11.8	1270.8	14.6	1316.7	9/12/20				
7/23/20	12.9	967.9	15.0	944.2	8/18/20	12.4	1283.1	15.0	1331.6	9/13/20				
7/24/20	11.8	979.7	14.8	959.0	8/19/20	12.4	1295.5	14.9	1346.6	9/14/20				
7/25/20	11.8	991.5	14.6	973.6	8/20/20	11.2	1306.7	14.5	1361.1	9/15/20				
7/26/20	12.9	1004.4	14.6	988.2	8/21/20	11.8	1318.5	14.5	1375.6	9/16/20				
7/27/20	12.4	1016.8	14.6	1002.8	8/22/20	11.2	1329.8	14.7	1390.3	9/17/20				

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Insect Trap Report
August 25 – September 1

Modoc and Siskiyou

TRAP	LOCATION	PTW	BLH	OLH	OP	PP
1	O'Keefe Rd.	0	0	3	0	0
2	East West Rd.	0	0	0	0	0
3	North Rd.	0	0	1	0	0
4	South West Sump	0	0	2	0	0
5	Pole-line	0	0	6	0	0
6	Pump 12- Dike	0	1	3	0	0
7	Golden Rd.	0	0	1	0	0
8	HWY 139	0	0	19	0	0
9	Drain 10	0	0	8	0	0

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

Klamath County

1	Malone Rd.	NA	NA	NA	NA	NA
2	Suty Rd.	0	1	9	0	0
3	HWY 39	0	0	2	1	0
4	Harpold Rd.	0	0	3	1	0
5	S. Poe Valley Rd.	0	0	1	1	0
6	Township Rd.	0	0	3	0	0
7	Hwy 140	NA	NA	NA	NA	NA
8	Caledonia	0	0	1	0	0
9	Spring Lake Rd.	0	0	3	0	0

Aphid Traps

		GPA	PA	OA	OP	PP
1	Caldonia	NA	NA	NA	NA	NA
2	Round Lake Rd.	NA	NA	NA	NA	NA
3	Homedale	3	0	7	0	0
4	Evans Rd.	NA	NA	NA	NA	NA
5	Holl Road	0	0	0	0	0
6	Lost River Ranch	0	0	1	0	0
7	Swan Lake	0	0	1	0	0
8	Yonna Wood Dr.	1	0	0	0	0
9	Teare	0	0	0	0	0
10	Shadow Hill	0	0	0	0	0
11	Bly Mountain Cutoff	2	0	1	0	0

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