

Yamhill PSP 2019-20 WQ Data (ug/L)	Concentration Action Levels									Pesticide Level of Concern					
	Below 50% of any ALB	≥ 50% of acute ALB	≥ 50% of chronic ALB	No Aquatic Life Benchmark (ALB)	Legacy Pesticide	ALB is the aquatic life benchmark (EPA)	Low Concern	Medium Concern	High Concern	Total Detects	Detect Freq.				
(34232) West Fork Palmer @ Webfoot Rd. Bridge	3/26/2019	4/8/2019	4/22/2019	5/6/2019	5/20/2019	6/4/2019	6/18/2019	7/8/2019	7/16/2019	7/30/2019	9/9/2019	10/7/2019	10/28/2019		
2-Chloro-4- isopropylamino-6-amino- s-triazine	0.0256	0.00527	0.0238	0.0109	0.0111			0.00487	0.00447					7	54%
2,4-D			0.7	0.5	0.7				0.2					4	31%
2,6-dichlorobenzamide	0.0592	0.0564	0.0532	0.0729	0.0942	0.0704	0.0571	0.0584	0.0850	0.0559	0.0672	0.0479	0.0759	12	92%
Acephate		0.117	0.0811			0.0842	0.0963						0.4860	4	31%
Acetamprid										0.0299				1	8%
Aminomethylphosphonic acid (ampa)	1.3	1.61	0.286	1.79	2.45	1.81	1.77	1.41	1.41	2.64	4.15	1.45	1.52	12	92%
Atrazine	0.0251	0.0122	0.0175	0.00952	0.00983	0.0111	0.0052	0.0226	0.0152	0.00711				10	77%
Azoxystrobin		0.0554	0.0229		0.0458	0.0447	0.0695	0.0872	0.0765	0.0391	0.0707	0.0264		10	77%
Chlorpyrifos		0.0547												1	8%
Deisopropylatrazine	0.0118	0.0046	0.0154	0.0169	0.0141	0.0187	0.105	0.0436	0.0291	0.0231	0.0223		0.0114	11	85%
Diazinon									3.8	0.571				2	15%
Dicamba		1.1	0.6											2	15%
Dimethenamid	0.0593	0.082	0.0818	0.0577	0.0632	0.0345			0.185	0.041		0.0929	0.315	9	69%
Dimethoate							0.0353							1	8%
Diuron	0.0514	0.387	0.148	0.149	1.61	0.361	0.121	0.165	0.0842	9.37	0.457	0.152	0.0667	12	92%
Ethoprop			0.191											1	8%
Glyphosate	0.0852	0.906	0.101		1.69	0.508	0.0794	0.217	0.304	3.46	6.48	0.225	0.34	11	85%
Imazapyr				0.0656	1.53	0.712			0.08					4	31%
Imidacloprid		0.0358						1.37	1.96	0.732	0.123		0.097	5	38%
Malathion								0.0437						1	8%
Metolachlor	0.059	0.078	0.0573	0.0359	0.0313	0.0281	0.012				0.019	0.673	0.259	9	69%
Metribuzin	0.0185	0.00893	0.0274	0.00795	0.0045	0.00723							0.00723	6	46%
Metsulfuron methyl			0.0355	0.00686	0.102	0.139	0.0102		0.0121					6	46%
Norflurazon						0.039	0.133	0.0944	0.101	0.124	0.0614			6	46%
Oxyfluorfen	0.0354	0.0548	0.0249								0.0373	0.0555	0.037	5	38%
Pendimethalin		0.0386												1	8%
Pronamide	0.0807	0.184	0.0468	0.0475	0.0617	0.0369								6	46%
Propiconazole		0.0381		0.569	0.0582	0.126	0.0469	0.0228	0.0385	0.348	0.0326		0.0257	9	69%
Pyraclostrobin		0.006	0.0262	0.0248	0.00777	0.0586		0.0161	0.0194					7	54%
Simazine	0.00749	0.0122	0.00952	0.012	0.0128	0.0341	0.0299	0.0203	0.0179					9	69%
Sulfometuron-methyl			0.38	0.0342	0.0641	0.0165								4	31%
Total Detections	12	20	19	15	17	18	14	13	17	13	11	8	12	181	

Yamhill PSP 2019-20 WQ Data (ug/L)	Concentration Action Levels								ALB is the aquatic life benchmark (EPA)	Pesticide Level of Concern			Total Detects	Detect Freq.	
	3/25/2020	4/15/2020	5/20/2020	Below 50% of any ALB	≥ 50% of acute ALB	≥ 50% of chronic ALB	No ALB	Legacy Pesticide		Low Concern	Medium Concern	High Concern			
(34232) West Fork Palmer @ Webfoot Rd. Bridge	3/25/2020	4/15/2020	5/20/2020	6/17/2020	7/14/2020	7/21/2020	8/4/2020	10/5/2020	10/27/2020						
2-Chloro-4- isopropylamino-6-amino- s-triazine	0.0131	0.015					0.00597							3	38%
2,4-D				0.1	0.7			0.2						3	38%
2,6-dichlorobenzamide	0.0586	0.0423	0.0656	0.3280	0.0606	0.0498	0.0515							7	54%
Acephate				0.201										1	13%
Aminomethylphosphonic acid (ampa)	1.92	1.6	2.05	1.89	1.53	1.71	0.48	2.11						7	78%
Atrazine	0.021	0.014	0.0082	0.005		0.0225	0.0273							6	75%
Azoxystrobin	0.0295	0.027	0.0312	0.245	0.0978	0.0805	0.0713	0.0435						8	100%
Carbaryl			0.039											1	13%
Deisopropylatrazine	0.0245	0.0132	0.0236	0.0168	0.0104	0.007	0.0103							7	88%
Diazinon					0.448	0.201	0.0277							3	38%
Dicamba				0.5										1	13%
Dichlobenil	0.0264			0.199										2	25%
Dimethenamid	0.0893	0.0294	0.407	0.105	0.0344	0.0288		0.288						7	88%
Diuron	0.113	0.0844	0.426	0.181	0.0981	0.282	0.239	0.514						8	100%
Glyphosate	0.214		0.179	0.301	0.194	0.354		0.28	0.42					7	78%
Imazapyr			0.103			0.712								2	25%
Imidacloprid			0.199	0.0659	1.06	0.392	0.213	0.235						6	75%
Metolachlor	0.0919	0.062	0.0283	0.125	0.0247	0.0437	0.0246	0.82						8	100%
Metribuzin	0.0122	0.00598	0.00691											3	38%
Metsulfuron methyl				0.0429	0.0174	0.013	0.00965							4	57%
Norflurazon				0.208	0.0663	0.0723	0.0625							4	57%
Oxyfluorfen	0.0648	0.0558												2	29%
Pronamide	0.207	0.0682	0.0525	0.0323	0.0232									5	71%
Propiconazole			0.0816	0.109	0.0511	0.0469	0.0325							5	71%
Pyraclostrobin	0.00461	0.011	0.00475	0.00561	0.00598	0.00831								6	86%
Simazine	0.0831	0.0517	0.0473	0.0175	0.0119	0.0103	0.00853							7	100%
Triclopyr				0.5	0.3									2	29%
Total Detections	16	14	17	21	17	17	14	8	1					125	

Yamhill PSP 2019-20 WQ Data (ug/L)	Concentration Action Levels								Pesticide Level of Concern					Total Detects	Detect Freq.
	Below 50% of any ALB	≥ 50% of acute ALB	≥ 50% of chronic ALB	No ALB	Legacy Pesticide	ALB is the aquatic life benchmark (EPA)	Low Concern	Medium Concern	High Concern						
(37639) W.Fork Palmer Ck @ SE Palmer Ck Rd	3/26/2019	4/8/2019	4/22/2019	5/6/2019	5/20/2019	6/4/2019	6/18/2019	7/8/2019	7/16/2019	7/30/2019	9/9/2019	10/7/2019	10/28/2019		
2-Chloro-4- isopropylamino-6-amino- s-triazine	0.032	0.029	0.0332	0.0169	0.00952	0.00732		0.00483						7	78%
2,6-dichlorobenzamide	0.0896	0.0656	0.0593	0.0792	0.0813	0.0701	0.0807	0.0695	0.088	0.094				10	111%
Acephate		0.112	0.192			0.673	0.158		0.995	0.528			0.671	7	78%
Atrazine	0.0334	0.0469	0.0232	0.0164	0.014	0.0148	0.0122	0.025	0.0136	0.0104				10	111%
Azoxystrobin		0.0605	0.0438	0.0746	0.0811	0.0385		0.0321	0.0563	0.0317	0.0309	0.0301	0.0267	11	122%
Chlorpyrifos		0.0481		0.0723										2	22%
Desisopropylatrazine	0.0164	0.0163	0.017	0.0204	0.0135	0.014	0.00819	0.0057	0.0112			0.0243	0.00807	11	122%
Dimethenamid	0.124	0.0965	0.0972	0.131	0.115	0.0694	0.0748	0.112	1.82	0.161		0.425	0.311	12	133%
Diuron	0.0608	0.473	0.232	0.433	1.67	0.575	0.31	0.166	0.391	0.135	0.05	0.0852	0.0456	13	144%
Ethoprop			0.247											1	11%
Imazapyr				0.307	1.76	0.531	0.131	0.063	0.404	0.0525		0.116	0.0534	9	100%
Imidacloprid		0.0484			0.0362	0.0311	0.0232		0.0301		0.0273	0.23	0.106	8	89%
Metolachlor	0.0909	0.101	0.0982	0.0663	0.0616	0.0418	0.0109		0.0171		0.0242	2.31	0.294	11	122%
Metribuzin	0.0308	0.0726	0.0452	0.0127	0.0135	0.0157	0.00501					0.00618	0.0557	9	100%
Metsulfuron methyl		0.00568	0.0363	0.0154	0.171	0.123	0.0221	0.00611	0.0716			0.00509		9	100%
Oxyfluorfen	0.0499	0.0643	0.0325	0.0455										4	44%
Pendimethalin	0.0272	0.051												2	22%
Pronamide	0.102	0.222	0.069	0.0511	0.056	0.0511	0.0515							7	78%
Propiconazole		0.0537	0.46		0.699	0.218	0.103	0.054	0.181	0.0777	0.0385	0.0504	0.071	11	122%
Pyraclostrobin	0.00638	0.00728	0.0048		0.00695							0.0116	0.00611	6	67%
S-Ethyl dipropylthiocarbamate (EPTC)		0.0259												1	11%
Simazine	0.0813	0.0301	0.0192	0.014	0.0568	0.0312	0.00938	0.00596	0.012			0.0198	0.00928	11	122%
Sulfometuron-methyl	0.00484		0.371	0.041	0.0506	0.0221	0.0103	0.00455	0.00609					8	89%
Trifluralin	0.0298	0.0371	0.0239											3	33%
Total Detections	15	21	19	16	17	17	15	12	14	8	5	12	12	183	

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	Below 50% of any ALB	≥ 50% of acute ALB	≥ 50% of chronic ALB	No ALB	Legacy Pesticide	ALB is the aquatic life benchmark (EPA)	Low Concern	Medium Concern	High Concern					
(37639) W.Fork Palmer Ck @ SE Palmer Ck Rd	4/15/2020	5/20/2020	6/17/2020	7/14/2020	7/21/2020	8/4/2020	10/5/2020							
2-Chloro-4- isopropylamino-6-amino- s-triazine	0.0168													1 11%
2,6-dichlorobenzamide	0.0403	0.078	0.0952		0.0865									4 44%
Acephate			0.229		0.226									2 22%
Atrazine	0.00675	0.00536	0.00534	0.00491										4 44%
Azoxystrobin	0.0243	0.0816	0.745	0.261	0.157	0.187	0.0584							7 78%
Carbaryl		0.0539	0.00689											
Desisopropylatrazine	0.0165	0.0268	0.0223	0.00552	0.00592	0.0141	0.0157							7 78%
Dimethenamid	0.104	0.62	0.217	0.168	0.236	0.22	4.36							7 78%
Diuron	0.291	0.698	0.343	0.264	0.165	0.325	0.892							7 78%
Imazapyr		0.128	0.0727											2 22%
Imidacloprid		0.25	0.242	0.114	0.0734	0.18	0.332							6 67%
Linuron							0.0301							
Metolachlor	0.0477	0.0327	0.0407	0.0119			3.18							5 56%
Metribuzin	0.00978	0.0102	0.00578	0.0048			0.00975							5 56%
Metsulfuron methyl			0.0859	0.0376	0.014	0.0199	0.00902							5 56%
Oxyfluorfen	0.0576													1 11%
Pronamide	0.0715	0.0483	0.0526											3 33%
Propiconazole	0.0227	0.131	0.444	0.184	0.119	0.206	0.0616							7 78%
Pyraclostrobin	0.00551						0.0052							2 22%
S-Ethyl dipropylthiocarbamate (EPTC)							0.0607							1 11%
Simazine	0.0585	0.0479	0.0255	0.00797	0.00575	0.0126	0.12							7 78%
Total Detections	14	14	16	11	10	8	13	0	0	0	0	0	0	83

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	Below 50% of any ALB	≥ 50% of acute ALB	≥ 50% of chronic ALB	No ALB	Legacy Pesticide	ALB is the aquatic life benchmark (EPA)	Low Concern	Medium Concern	High Concern						
(37640) West Fork Palmer Ck @ SE Lafayette	3/26/2019	4/8/2019	4/22/2019	5/6/2019	5/20/2019	6/4/2019	6/18/2019	7/8/2019	7/16/2019	7/30/2019	9/9/2019	10/7/2019	10/28/2019		
2-Chloro-4- isopropylamino-6-amino- s-triazine	0.0642	0.054	0.0807	0.0556	0.0257	0.0284	0.00435							7	54%
2,4-D					0.4					0.8			0.1	3	23%
2,6-dichlorobenzamide	0.0321	0.0433	0.0392	0.0304	0.0294	0.0462	0.0692	0.0323	0.0312			0.0482		10	77%
Aminomethylphosphoni c acid (ampa)	0.199	0.713	1.52	0.376	0.795	0.637	0.317	0.311	0.246	0.328	0.503	0.162	0.701	13	100%
Atrazine	0.016	0.0212	0.0185	0.0133	0.0152	0.0135								6	46%
Azoxystrobin		0.0545												1	8%
Desisopropylatrazine	0.00733	0.0129	0.010	0.0069	0.0065	0.00576	0.00762	0.00585	0.00626					9	69%
Dicamba		1.3			2.2									2	15%
Diuron	0.0607	0.304	0.0625	0.0473	0.28	0.0925	0.0446	0.103	0.0319	0.0194	0.0445	0.0326	0.0675	13	100%
Glyphosate		1.15	0.388	0.0982	0.549	0.127			0.072	0.101	0.398			8	62%
Imazapyr					0.187	0.0819								2	15%
Imidacloprid		0.0251								0.0332			0.0843	3	23%
Metolachlor	0.0141	0.0429	0.0154		0.0116						0.0131		0.0136	6	46%
Metribuzin	0.0205	0.0778	0.0358	0.0188	0.0372	0.0285								6	46%
Metsulfuron methyl		0.00827	0.0139	0.00739	0.217	0.0445								5	38%
Norflurazon									0.0305					1	8%
Pronamide		0.042												1	8%
Propiconazole		0.0492			0.0594			0.0227					0.0285	4	31%
Simazine								0.00451					0.0101	2	15%
Sulfometuron-methyl	0.0118	0.00524	0.00951	0.0163	0.0599	0.0417	0.00566							7	54%
Triclopyr													0.5	1	8%
Total Detections	9	16	11	10	15	11	6	6	6	5	4	3	8	110	

Yamhill PSP 2019-20 WQ Data (ug/L)	Concentration Action Levels								ALB is the aquatic life benchmark (EPA)	Pesticide Level of Concern			Total Detects	Detect Freq.	
	4/15/2020	5/20/2020	6/17/2020	Below 50% of any ALB	≥ 50% of acute ALB	≥ 50% of chronic ALB	No ALB	Legacy Pesticide		Low Concern	Medium Concern	High Concern			
(37640) West Fork Palmer Ck @ SE Lafayette	4/15/2020	5/20/2020	6/17/2020	7/14/2020	7/21/2020	8/4/2020	10/5/2020	10/27/2020							
2-Chloro-4- isopropylamino-6-amino- s-triazine	0.0214	0.00866												2	29%
2,4-D		2.2												1	14%
2,6-dichlorobenzamide		0.0301		0.0354	0.0225									3	43%
Aminomethylphosphoni c acid (ampa)	0.326	0.82		0.858	0.924	0.943	0.125							6	86%
Atrazine	0.00463	0.00538												2	29%
Chlorpyrifos	0.0282													1	14%
Desisopropylatrazine							0.0052							1	14%
Dicamba		0.3												1	14%
Diuron	0.0266	0.208		0.0735	0.0391	0.0831	0.0279							6	86%
Glyphosate		0.166		0.166	0.16	2.53		0.14						5	71%
Imazapyr		0.0812												1	14%
Metolachlor							0.0114							1	14%
Metribuzin	0.0112	0.0139		0.00444	0.00595	0.005								5	71%
Metsulfuron methyl				0.0317	0.0157	0.0112								3	50%
Propiconazole		0.0715		0.0225	0.0273	0.0264								4	57%
Simazine						0.0127	0.00487							2	29%
Triclopyr					0.6									1	14%
Total Detections	6	11	0	7	7	7	5	1	0		0	0	0	44	