Aquatic Herbicide Toxicity to Some Fish

The 96-hour LC_{50} is given in ppm columns. In the lb column is given the pounds of active ingredient needed per acre*ft to reach the 96-hour LC_{50}

	Bluegill		Channel Catfish		Rainbow Trout	
Herbicide	**ppm[2]**	**lb**	**ppm**	**lb**	**ppm**	**lb**
Endothall (Aquathol)	343	933	150	408	230	625.6
Endothall (Hydrothol)	1.0	2.72	0.5	1.4	1.7	4.6
Copper	Toxicity dependent upon alkalinity of water. The lower the alkalinity, the greater the toxicity.					
Diquat	14	38			15	41
Rotenone (a fish toxicant)	0.02	0.05	0.002	0.005	0.03	0.08
Glyphosate	25	68	13	35	28	76
2,4-D (Dimethyamine Salt) Weedar 64, Weed Rhap A-4D, DMA 4 IVM	263	715	166	452	222	604
2,4-D (Butoxyethyl ester) Navigate, Aqua-Kleen	2	5.4	1	2.7	1	2.7
Imazapyr	336	914	>100	>272	>100	>272
Triclopyr	681	1,852	446	1,213	400	1,088

-The 96-hour LC_{50} is the amount of material needed to kill 50% of a population within 96 hours.
-ppm values are for the amount of active ingredient.