

Amount (gallon or lb) of Product Needed to Achieve a Certain PPM of Active Ingredient in One Acre-Foot of Water												
Product	0.2PPM	0.4PPM	0.5PPM	1.0PPM	1.5PPM	1.8PPM	2.0PPM	2.5PPM	3.0PPM	3.5PPM	4.0PPM	5.0PPM
Algimycin PWF	1.1	2.1	2.7	2.3*	-	-	-	-	-	-	-	-
Aquastrike (as endothall)	-	-	-	0.875	1.375	1.625*	-	-	-	-	-	-
Aquathol K	-	-	-	0.3	0.6	1	1.3	1.6	1.9	2.2	2.6	3.2*
Aquathol Super K (lb)	-	-	-	2.2	4.4	6.6	8.8	11	13.2	15.4	17.6	22*
Captain (includes XTR)	0.6	1.2	1.5	3.0*	-	-	-	-	-	-	-	-
Clearigate	1.8	3.6	4.4	8.7*	-	-	-	-	-	-	-	-
Clipper (and other dry flumioxazin, lbs)	1.1	2.1*	-	-	-	-	-	-	-	-	-	-
Clipper SC (and other liquid flumioxazin, pints)	1.1	2.1*	-	-	-	-	-	-	-	-	-	-
Copper sulfate (lb)	2.1	4.3	5.4	10.8*	-	-	-	-	-	-	-	-
Citrine (+ and Ultra)	0.6	1.2	1.5	3.0*	-	-	-	-	-	-	-	-
Citrine Granular (lb)	-	-	37	73*	-	-	-	-	-	-	-	-
Harpoon Granular (lb)	-	-	40	80*	-	-	-	-	-	-	-	-
Hydrothol 191	0.27	0.54	0.68	1.35	2.25	-	-	-	-	-	-	-
Komeen	0.7	1.3	1.7	3.3*	-	-	-	-	-	-	-	-
Nautique	-	-	1.5	3.0*	-	-	-	-	-	-	-	-
Navigate (lb)	-	-	-	14.2	-	-	28.4	-	-	-	56.8*	-
Renovate OTF (lb)	-	-	14	27	41	54	67.0*	-	-	-	-	-
Renovate 3	-	-	0.5	0.9	1.4	1.8	2.3*	-	-	-	-	-
Reward	0.27	0.54*	-	-	-	-	-	-	-	-	-	-
Seclear G (lb)	3.6	7.2	9	18*	-	-	-	-	-	-	-	-
SeClear Liquid	1.3	2.5	3.2	6.4*	-	-	-	-	-	-	-	-
Sculpín G	-	-	-	16.4	-	-	32.7	-	-	-	65.4*	-
Stingray	0.28*	-	-	-	-	-	-	-	-	-	-	-

\*= max label

Ounces/lbs of Product Needed to Achieve Certain PPB of Active Ingredient in One Acre-Foot of Water						
Product	5ppb	10ppb	20ppb	40ppb	90ppb	150ppb
Galleon	0.9	1.7	3.5	7	15.7	26.1
Oasis	0.6	1.2	2.5	5	-	-
Sonar AS	0.4	0.9	1.7	3.5	7.8	13
Sonar Granular (5% AI)	0.25	0.5	1	2	4.8	8.1
Sonar H4C	0.5	1	2	4	9.6	16.2
Sonar Genesis	3.5	7	13.8	27.6	62	104

Sonar AS formula: desired ppb x 0.00272 x acre-feet

Sonar Granular (5% AI): desired ppb x 0.054 x acre-feet = lbs sonar

Sonar H4C: desired ppb x 0.027 x acre-feet = lbs Sonar H4C

Sonar Genesis: desired ppb x 0.0054 x acre feet = gallons Sonar Genesis

General liquid herbicide/algacide calculation (PPM): target ppm x acre-feet x 2.72 / lbs ai per gallon

General liquid herbicide/algacide calculation (PPB): target ppb x acre-feet x 0.00272 / lbs ai per gallon

General granular calculation (ppm): 2.7/%AI = lbs needed for 1 ppm in 1 acre foot