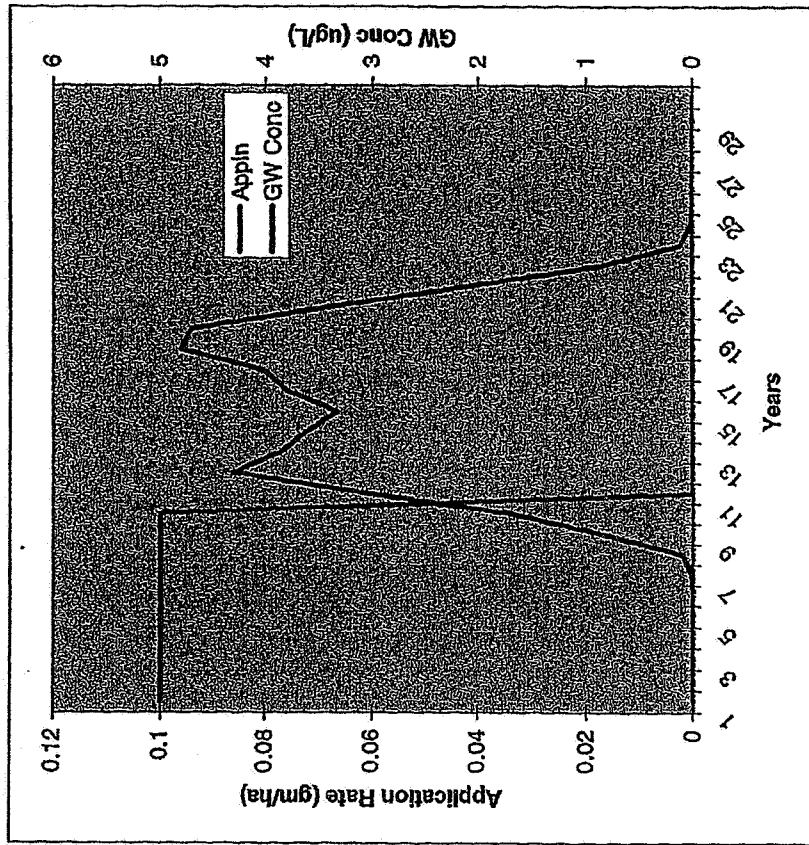


Example calculation of chemical loading and groundwater response.

Year	Appln	GW Conc
1	0.1	0
2	0.1	0
3	0.1	0
4	0.1	0
5	0.1	0
6	0.1	0
7	0.1	0.01
8	0.1	0.1
9	0.1	0.85
10	0.1	1.7
11	0	3.05
12	0	4.31
13	0	3.87
14	0	3.62
15	0	3.33
16	0	3.8
17	0	4.02
18	0	4.81
19	0	4.71
20	0	3.46
21	0	2.17
22	0	0.89
23	0	0.12
24	0	0.014
25	0	0.001
26	0	0
27	0	0
28	0	0
29	0	0
30	0	0

Conclusion: The lag between the change in application rate and the change in gw concentration is ~ 1 this example. The lag will vary depending on the actual recharge rate and the degn rate (



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Estimated Intake - Adult, $\mu\text{g}/\text{kg-day}$

Pathway ($\mu\text{g}/\text{kg-day}$)	MAX	Receptor 1	Receptor 2	Little H
Inhalation	0.61	9.5×10^{-2}	7.0×10^{-2}	0.25
drinking w.	0.246	0.246	0.183	5.14×10^{-2}
soil	1.2×10^{-3}	2.3×10^{-5}	3×10^{-5}	1.6×10^{-4}
Fish	3.7×10^{-3}	3.7×10^{-3}	3.7×10^{-3}	3.7×10^{-3}
ROLL UP	0.86	0.34	0.26	0.31