

Parameter	Soil					
	High N High Water	High N Low Water	Low N High Water	Low N Low Water	Subalpine	
	a (Lower limit)	0.5105059	0.9240905	-0.1695515	0.9062194	-0.1545846
	b (Slope)	16.2894589	15.3350952	2.6543969	15.6075101	89.8288212
	c (EC50)	69.1650822	64.0093628	83.5143853	62.3444659	70.9306123
	d (Upper limit)	8.2184478	8.0341761	15.7508174	7.5805252	3.7062452

$$y = d + \frac{a - d}{1 + \left(\frac{x}{c}\right)^b}$$

Explanation of parameters

a = the minimum value that can be obtained (i.e. what happens at 0 dose)

d = the maximum value that can be obtained (i.e. what happens at infinite dose)

c = the point of inflection (i.e. the point on the S shaped curve halfway between a and d)

b = Hill's slope of the curve (i.e. this is related to the steepness of the curve at point c).