

**Table 6.7: Summary of Plant Toxicity Thresholds for NaCl in Soil**

<b>Ecological Endpoint</b>	<b>Salt Soil Concentration</b>	<b>Comments</b>
<b>Non-lethal plant effects (growth, yield): 25<sup>th</sup> percentile of Species Sensitivity Distribution Based on EC<sub>50</sub>.</b>	electrical conductivity = 4.6 dS/m	Measured in saturated paste extract
	NaCl in soil 700 mg/kg nominal; (or 275 mg/kg Na <sup>+</sup> , 425 mg/kg Cl <sup>-</sup> )	Expressed as a nominal or total soil concentration
	<b>Saturated Paste Conc.</b> Na <sup>+</sup> : 190 mg/kg Cl <sup>-</sup> : 370 mg/kg	Converted to predicted recovered conc. (Section 5) <sup>1</sup>
	NaCl in soil 840 mg/kg nominal;  (or 330 mg/kg Na <sup>+</sup> , 510 mg/kg Cl <sup>-</sup> )	Provisional estimate: Two data points from one study. Threshold is calculated as the geometric mean of the two.
<b>Plant mortality, LC<sub>20</sub></b>	<b>Saturated Paste Conc.</b> Na <sup>+</sup> : 220 mg/kg Cl <sup>-</sup> : 440 mg/kg	Converted to predicted recovered conc. (Section 5)