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Title 22@ Social Security

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Division 4.5@ Environmental Health Standards for the Management of Hazardous Waste

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Chapter 54@ Green Chemistry Hazard Traits, Toxicological and Environmental Endpoints and Other Relevant Data

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Article 4@ 4. Environmental Hazard Traits

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Section 69404.5@ Phytotoxicity

## **69404.5 Phytotoxicity**

### **(a)**

The phytotoxicity hazard trait is defined as the occurrence of adverse effects on the reproduction, development, growth, function or survival of plants following exposure to a chemical substance. For the purpose of this hazard trait, "plants" mean vascular and nonvascular plants, algae, fungi and lichen present in the aquatic and terrestrial environment, including harvested species.

### **(b)**

Environmental endpoints for phytotoxicity include, but are not limited to those indicating: adverse effects on survival, fecundity, fertility, growth, abundance, production, function or normal physiology in plants; gross developmental anomalies.

### **(c)**

Other relevant phytotoxicity impairment data include but are not limited to: mechanistic or structural similarity to other phytotoxicants; in vitro evidence of exposure-related adverse impacts in plants; associative data from field studies linking exposure to a chemical substance with observed phytotoxicity.