

On Wed, Jun 1, 2016 at 5:43 AM, Dale Williams <dwill4@gmail.com> wrote:

Might Aluminum be hurting our trees?

Some people think that aluminum from our sky is harming vegetation. I had a piece of bark from a dead Torrey Pine tree tested in a lab and the result was 418 ppm aluminum (parts per million).

I've been asking people if 418 ppm is enough to hurt the tree (including Doug Gibson and the SD farm advisor) but nobody knows anything. Some unrelated standards are: EPA recommends maximum of 0.2 ppm aluminum in drinking water; OSHA limits industrial workers air to 5 ppm alum. And a rainforest study identifies trees with over 10 ppm as high alum, and trees with over 100 ppm as extremely high alum. Aluminum is said to make roots brittle preventing them from absorbing water and leads to death that looks like drought. It might be something to look into.