

Effects of chromium on seed germination, root elongation and coleoptile growth in six pulses

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=132235&lokasi=lokal>

Abstrak

The ecotoxicological effects of Cr²⁺ on germination and early seedling growth of six pulses were investigated. Seeds of these plants were exposed to seven different concentrations of Cr (0-3.2 mM). The results indicated that root elongation and coleoptile growth of six pulse plants were more sensitive than seed germination for measurement of the toxic of Cr²⁺ pollutions. Different species show different levels of tolerance to Cr²⁺ pollution.