PLANT GROWTH

of average growth in uncontaminated soil. Plant dry weight at 21 days as percent

Norwood + Baccto Hi organic.	SOIL Norwood Loorganic, 1
heavy medium light	heavy medium light
y U p	Corn% 118 121 92
84 106 108	wheat% 101 93 62
72 120 89	110 93

Adapted from: J. P. Salanitro, et al., (Shell) Environ. Sci. Technol. 31, 1769-1776 (1997)

E Z & P

Citing other studies

and predicted and varies widely with oil species the authors conclude: ...hydrocarbon phytotoxicity cannot be soil type, concentration, and plant tested."

From: J. P. Salanitro, et al., (Shell) Environ. Sci. Technol. 31, 1769-1776 (1997)

Salanitro studies ...

plastic sheets. 40%-95% of the BTEX evaporated during a 3day interval while soils were being prepared on

growth in lab studies. Examined seed germination and early

variation in hydrocarbon content. Duplicate soil samples had 10%-20%

Petroleum hydrocarbons in soil

Chaineau, et al. studies of bioremediation and toxicity

Fertilizer and straw speeded remediation

tilled windrows. Standard deviations of concentrations were <50% in biopiles and <25% in