

Figure 1. Biotic versus abiotic removal of DNT. Reactors **A** & **B**, plant wastewater; **C** & **D**, plant wastewater + 1 g/l sodium azide; **E** & **F**, tap water.

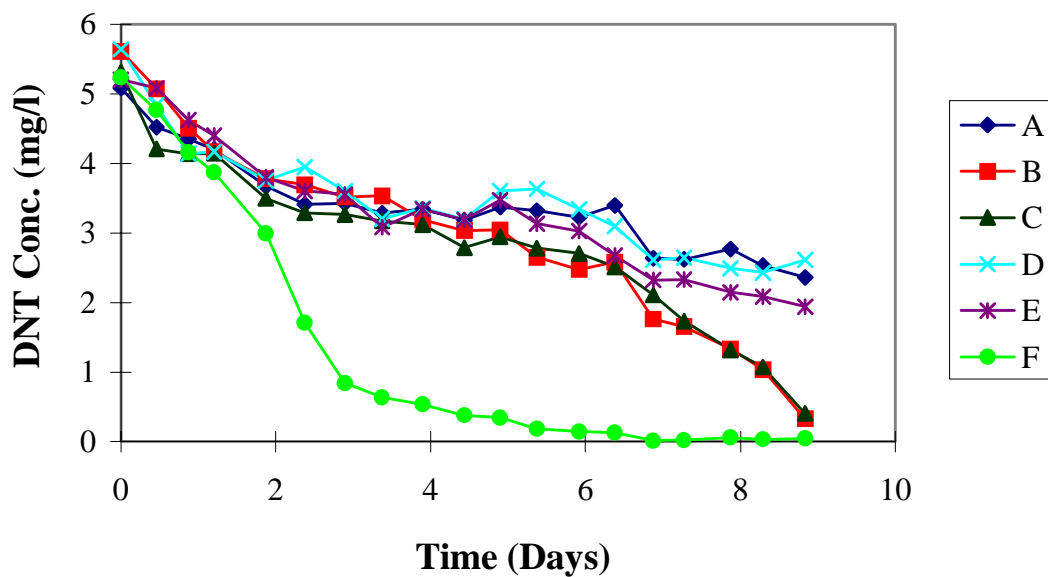


Figure 2. Effect of ethanol, phosphate, and nitrate on DNT degradation. Reactor **A**, unamended wastewater; **B**, wastewater + 1.6 mg/l $\text{PO}_4^{3-}\text{-P}$; **C**, wastewater + 3.3 mg/l $\text{PO}_4^{3-}\text{-P}$; **D**, wastewater + 11.3 mg/l $\text{NO}_3^-\text{-N}$; **E**, wastewater + 500 mg/l ethanol; **F**, wastewater + 11.3 mg/l $\text{NO}_3^-\text{-N}$ + 3.3 mg/l $\text{PO}_4^{3-}\text{-P}$, 500 mg/l ethanol.

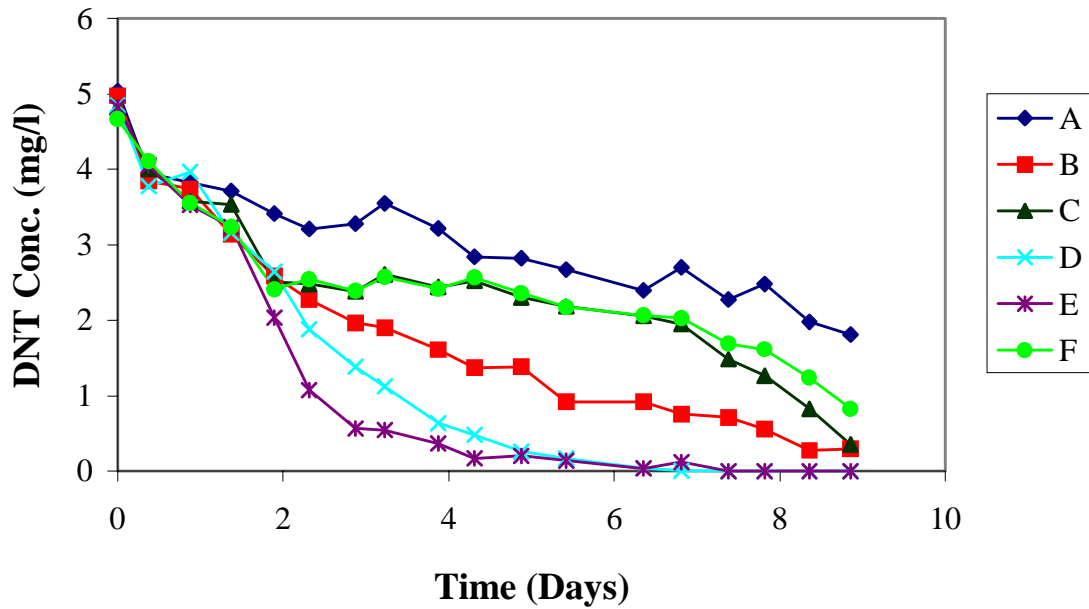


Figure 3. Effect of ethanol and phosphate on DNT biodegradation. Reactor **A**, unamended wastewater; **B**, wastewater + 0.8 mg/l $\text{PO}_4^{3-}\text{-P}$ + 100 mg/l ethanol; **C**, wastewater + 1.6 mg/l $\text{PO}_4^{3-}\text{-P}$ + 100 mg/l ethanol; **D**, wastewater + 0.8 mg/l $\text{PO}_4^{3-}\text{-P}$ + 500 mg/l ethanol; **E**, wastewater + 1.6 mg/l $\text{PO}_4^{3-}\text{-P}$ + 500 mg/l ethanol; **F**, wastewater + 3.3 mg/l $\text{PO}_4^{3-}\text{-P}$ + 100 mg/l ethanol.

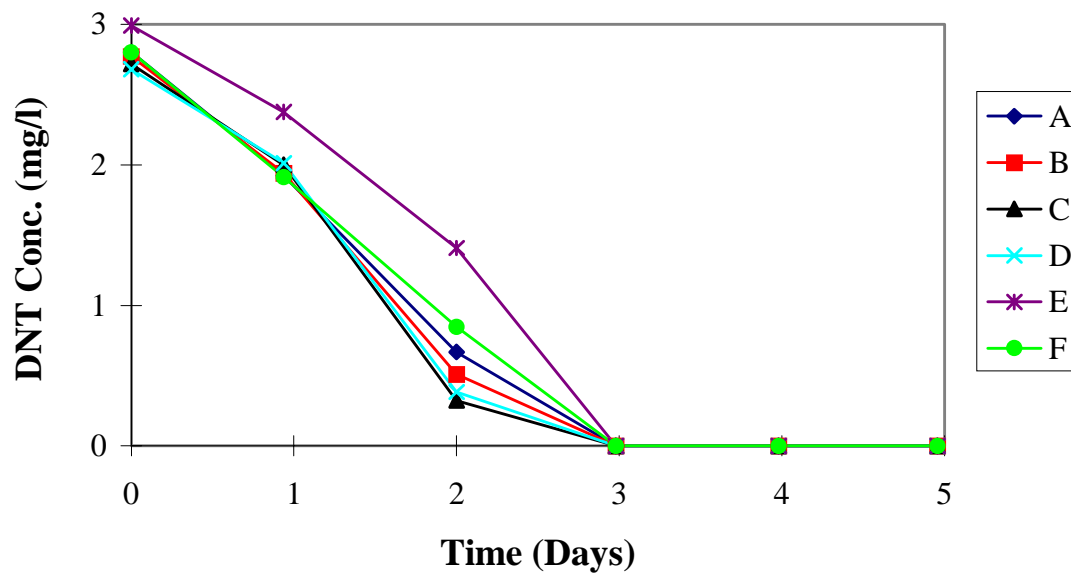


Figure 4. Effect of ethyl ether on DNT biodegradation. All reactors received wastewater + 0.8 mg/l $\text{PO}_4^{3-}\text{-P}$. Reactor **A**, 0 mg/l ether; **B**, 25 mg/l ether; **C**, 50 mg/l ether; **D**, 100 mg/l ether; **E**, 250 mg/l ether; **F**, 500 mg/l ether.