KANDUNGAN TIMBEL (Pb) PADA DAUN DAN KULIT BATANG TIGA JENIS POHON DI JALUR HIJAU DKI JAKARTA

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Abstrak

Penelitian kandungan timbel (Pb) pada daun dan kulit batang pohon Angsana (*Pterocarpus indicus*), Glodogan (*Polyalthia longifolia*), dan Mahoni (*Swietenia mahogani*) di jalur hijau di DKI Jakarta telah dilakukan pada bulan Juni 2004. Parameter lingkungan dan kepadatan kedaraan per jam di lokasi penelitian turut pula diukur. Kandungan Pb tertinggi (10,27 ppm) pada daun terdapat pada Mahoni di Jl. Daan Mogot dan terendah (5,91 ppm) pada Angsana di Jl. Danau Sunter. Pada kulit batang, kandungan Pb tertinggi (351,85 ppm) terdapat pada Angsana di Jl. Daan Mogot dan terendah (20,14 ppm) pada Glodogan di Jl. Danau Sunter. Terdapat perbedaan antara kandungan Pb pada daun dan kulit batang diantara ketiga jenis pohon. Kandungan Pb pada tanaman di jalur hijau DKI Jakarta tampaknya ditentukan oleh kepadatan kendaraan.

Kata kunci: timbel (Pb); emisi gas buang kendaraan bermotor; jalur hijau.

Lead (Pb) Concentration in The Leaf and Barks of Three Plants Species in The Green Belt Of DKI Jakarta

Abstract

Research of lead concentration at leafs and barks of Pterocarpus indicus, Polyalthia longifolia, and Swietenia mahogani in green belt of DKI Jakarta have been done in June 2004. Environmental parameter and densities of vehicle per hour in research location partake is also measured. Content of lead highest (10,27 ppm) at leaves there are at S. mahogani in Jl. Daan Mogot and of lowest (5,91 ppm) at P. indicus in Jl. Danau Sunter. At barks, concentration of highest lead (351,85 ppm) there are at P. indicus in Jl. Daan Mogot and of lowest (20,14 ppm) at P. longifolia in Jl. Danau Sunter. There are difference among content of lead at barks and leaves among third plant species. Concentration of lead at plant in green belt of DKI Jakarta is seems determined by density of vehicle.