

The movement study of 2, 4-D, 2, 4-D sodium and MCPA on land use
pattern

at Sakaerat forest.

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ABSTRACT

The experiment was conducted at the laboratory of Botany Division. Department of Biology, Faculty of Science and Arts, Kasetsart University.

The objective of this experiment was to study the movement of 2, 4-D, 2, 4-D sodium and MCPA into the various depths of soil taken from the area of Replantation forest, Deciduous Dipterocarpus forest and Dry-evergreen forest. The movements of these herbicides were based on the amount of maximum rainfall in July, 1978. The experiment shown that three kinds of herbicides used could penetrate into all depths of taken soils (0 – 24 inches from soil surface) Residues of these herbicides appeared in all depths of taken soils in various amounts but that residues left in various depths of soils had no harm to a trees growing in Sakaerat area.