

**The use of dalapon-sodium and gluphosate for controlling the growth of**

*Imperata cylindrica* in replantation area of Sakaerat.

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**ABSTRACT**

Dalapon-Na and glyphosate in the rate of 2.742, 3.632 and 0.24, 0.352 kg.a.i./rai were used for controlling growth of *Imperata cylindrica* in the replantation areas of Sakaerat Evironmental Research Station which has been grown two kinds of tree seedlings. It was found that both rates of dalapon-Na had better controlled growth of *Imperata cylindrica* than both rates of glyphosate. Both conceprations of dalapon-Na could satisfactorily controlled and killed *Imperata cylindrica* with in the first and second week while both conceprations of glyphosate could considerably controlled and killed within the second and third week after the second spraying. Dalapon-Na treatment, however, was harm full to the growth of tree seedlings while glyphosate treatment was no effect but promoted the growth of tree seedling. Considering the cost of experiment and better growth of tree seedling glyphosate at the rate of 0.24 kg a.i./rai was greatly appreciated and suitably used for controlling *Imperata cylindrica* in the replantation areas.