



MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE

Recommendation Sheet No. 65

(March 1992)

CONTROL OF *PAEDERIA FOETIDA* (llane lingue) AND *HELIOTROPIUM AMPLEXICAULE* (herbe bleue, verveine sauvage)

These two weeds are perennials found in most areas of the island. *P. foetida* is a vine which is found creeping on stone walls and heaps, and in sugar cane where it twines around the shoots; it reproduces by seeds and also vegetatively by rhizomes.

H. amplexicaule may be found in waste land and in sugar cane fields. It produces a large amount of fertile seeds and is also readily propagated vegetatively by fragments of roots, especially during mechanical cultivation.

CONTROL MEASURES

Whether in plant or ratoon cane or in non-crop areas, two herbicide treatments are available to effectively control these two weed species:

either

**Tordon 101 + Actril-DS @ (1.5 + 1.3) kg a.e/ha
or (2.3 + 0.75) l/arp**

or

Garlon 4 @ 1.0 kg a.e/ha (1 l/arp)

The rates of Tordon 101 and of Garlon 4 can be reduced by half if these weeds issue from seeds and are still fairly young.