

MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE

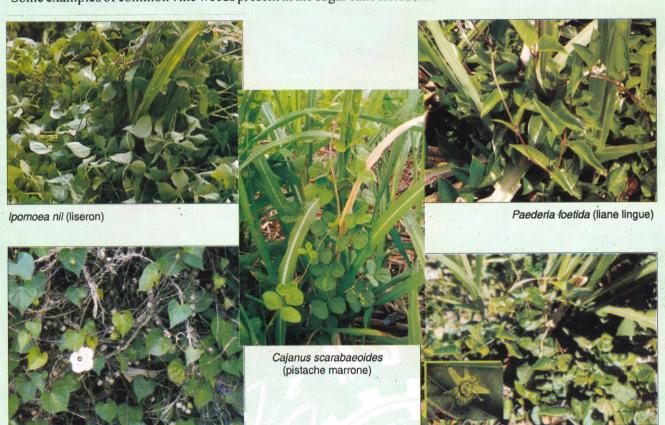
Recommendation Sheet

January 2004, No. 139

HERBICIDE FLUROXYPYR (TOMAHAWK) FOR THE CONTROL OF VINE WEEDS IN SUGAR CANE

Herbicide *fluroxypyr*, commercialized under the trade name *Tomahawk*, is now recommended for the control of vine weeds in sugar cane. The product is formulated as a 200 EC.

Some examples of common vine weeds present in the sugar cane fields are:



Ipomoea obscura (liane lastique)

Passiflora suberosa (liane poc poc)

Experimentation has shown that Tomahawk

- provides effective control of the above weeds
- has no adverse effect on sugar cane and can be tank-mixed with atrazine to provide pre-emergence control of vine seeds
- should be applied in post-emergence of actively growing vine weeds as indicated below:

Recommendations

Weeds	Recommended rates	
	L/ha	L/arp .
Ipomoea nil, Ipomoea obscura, Cajanus scarabaeoides	1.5 - 2.0	0.65 - 0.75
Paederia foetida, Passiflora suberosa	2.0 - 3.0	0.85 - 1.25

■ Notes

- Higher rates should be applied when weed infestation is high or if weeds are at an advanced stage of growth.
- An adjuvant should be added to Tomahawk.
- In tank-mixes with atrazine the lower rates may be used.

