



# MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE

## Recommendation Sheet

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### 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 nil* (liseron)



*Cajanus scarabaeoides*  
(pistache marrone)



*Paederia foetida* (liane lingue)



*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
<i>Ipomoea nil</i> , <i>Ipomoea obscura</i> , <i>Cajanus scarabaeoides</i>	1.5 - 2.0	0.65 - 0.75
<i>Paederia foetida</i> , <i>Passiflora suberosa</i>	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.

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