

MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE

Recommendation Sheet No. 96
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Control of Cyperus rotundus (herbe à oignons) in sugar cane

SERVIAN, a new herbicide, is now recommended for a better control of *Cyperus rotundus* in sugar cane. Its major characteristics are:

- it is safer than herbicides presently used in post-emergence of young cane
- it gives good results when application is made on actively growing weeds at the preflowering stage
- it has practically no effect on grasses and controls only a few broad-leaved weed species
- it is a suitable substitute to hormone-type herbicides like the 2, 4-D derivatives and can safely be applied in the vicinity of food crops. In fields where cane is intercropped with potato, it can be used to control *Cyperus rotundus* growing in the cane rows by directing the spray on the cane only
- Servian is formulated as a 75% water dispersible granule.

Recommended rates

In tolerant cane varieties (e.g. M 3035/66, M 1658/78, M 52/78, M 292/70)

SERVIAN @ 0.10 kg/ha (0.040 kg/arp)

In susceptible varieties (e.g. R 570, M 555/60, M 695/69)

SERVIAN @ 0.055 kg/ha (0.025 kg/arp)

An oil-based penetrator, COMPLEMENT, should be used in both cases at the rate of : 1 L/ha (400 mL/arp)