



FLYCAM FACT SHEET NUMBER 8

BUFFALO FLY CONTROL STRATEGIES FOR USE WITH WARRIOR INSECTICIDAL EARTAGS

- 1) WARRIOR Insecticide ear tags contain a combination of two organophosphate insecticides, diaznon and chlorpyrifos. The tag contains 40% active ingredient.
- 2) The dual action of both actives and the synergistic attributes of chlorpyrifos on the diaznon in the tag. Enable WARRIOR to be used as a one-tag application. The chemistry is patented in Australia (#684,370 of 02 April 1998).
- 3) Being an organophosphate (OP) tag, WARRIOR can be easily incorporated into the current Y-Tex Insecticidal tag rotation program. This program is designed to minimize the build-up of insecticide resistance and recommends the use of OP tags (e.g. OPTIMIZER and/or WARRIOR for two years followed by a single application of PYTHON (a synergized pyrethroid tag) in the third year. A typical rotation program could be OPTIMIZER or WARRIOR in years one and two, PYTHON in year three, followed by WARRIOR or OPTIMIZER.
- 4) WARRIOR will control buffalo fly for 12 weeks with a single tag application. It is essential that each animal in the group be tagged to gain good insecticide distribution.
- 5) WARRIOR can be incorporated into a buffalo fly control strategy in many ways:
 - a) In areas of extended buffalo fly season e.g. Central and Nth Qld. The tag can be used early in the season (e.g. Oct/Nov) to gain control until a two-tag application treatment (OPTIMIZER or PYTHON) is required.
 - b) Conversely, WARRIOR can be used at the end of the fly season, if flies persist.
 - c) In marginal fly zones, e.g. Western Qld, and NSW Central Coast, where the fly season is much shorter. WARRIOR should provide season long control providing an extremely cost effective control strategy.

- d) The ONE tag application strategy of WARRIOR will allow graziers whose preference in the past has been to apply one tag, the opportunity to use one tag without the risk of under dosing.
 - e) In areas where cattle lice become prevalent in autumn, e.g. Western Qld and Nth. NSW, a WARRIOR treatment can be used to control buffalo fly population and also give prophylactic control of cattle lice.
 - f) WARRIOR will be easy to use in stud cattle where ear tattoos are used in one ear.
- 6) WARRIOR is best applied to the back of the ear.
- 7) Implement a tag management strategy by removing tags at the recommend time, tagging all animals in the group and adopting a tag rotation strategy.

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