

## PRODUCT INFORMATION SHEET

### DESCRIPTION

PYthon is a fast-acting, sustained-release ear tag containing a new, synergized S-isomer pyrethroid compound, making it one of the newest and most technologically advanced insecticidal ear tags available for Buffalo fly control. PYthon has excellent activity against Buffalo flies, including Buffalo flies that are resistant to certain other insecticides. A high loading of piperonyl butoxide synergizes this S-isomer and dramatically reduces the effect of pyrethroid resistance. PYthon's exclusive Tri-Polymer matrix of non-toxic inert constituents continuously delivers a high ratio of synergist to insecticide for maximum insect-killing action. PYthon's net weight of 9.5 grams allows it to be used on cattle of all ages.

### EFFECTIVENESS:

Controls Buffalo flies for up to 16 weeks on beef and dairy cattle and aids in control of Cattle Biting Lice on beef & dairy cattle and aids in control of Paralysis Tick on suckling beef and dairy calves for up to 42 days after treatment.

### PACKAGING:

PYthon is packaged in sachets containing 20 tags and is available in boxes of 20, 100 and 500 tags.

### PRODUCT ADVANTAGES:

1. Registered for use on beef and dairy cattle, including newborn calves and lactating dairy cattle for Buffalo Fly, Cattle Biting Lice and Paralysis Tick control.
2. Works very rapidly, usually eliminating Buffalo flies within 1 day.
3. Brings proven weight gains.
4. Reduces need for frequent insecticide treatments and mustering costs.
5. Has Nil Withholding Period and Nil Export Slaughter interval.
6. Has the Y-TEX<sup>®</sup> Snap-Lok<sup>™</sup> collar for guaranteed retention against tag or button failure for 4 months.
7. Uses the proven Y-TEX<sup>®</sup> two-piece application system.
8. Is rainfast and dipfast.
9. Can be safely used in conjunction with other pesticide and medicinal applications; e.g., cattle tick acaricides and anthelmintics.
10. Is environmentally friendly.

# Y-TEX<sup>®</sup> PYthon<sup>™</sup> INSECTICIDAL CATTLE EAR TAG



### ACTIVE CONSTITUENTS

#### Zeta-cypermethrin

S-Cyano (3 phenoxyphenyl) methyl (±) cis/trans 3-(2,2-dichlorethenyl)

-2,2 dimethylcyclopropane-carboxylate\* ..... 100 g/kg

Cis/trans isomer ratio: Max. 55% (±) cis and Min. 45% (±) trans

#### Piperonyl Butoxide, Technical

Min. 80% (butylcarbityl) (6-propylpiperonyl) ether and Max. 20% related compounds ..... 200 g/kg

### BY WEIGHT

**DIRECTIONS FOR USE**

**Restraints:** Remove tags prior to slaughter.

**Animal and Pest:** Cattle including lactating dairy cows - Buffalo Flies, (*Haematobia irritans exigua*), Cattle Biting Lice (*Damalinea bovis*) & Paralysis Ticks (*Ixodes holocyclus*) for up to 42 days.

**State:** Qld, N.S.W., N.T., W.A. Buffalo Fly All States - Cattle Biting Lice and Paralysis Tick

**Rate:** One tag per each ear of each animal (2/head) for Buffalo Fly & Paralysis Tick - One tag per head for Cattle Biting Lice control.

**Critical Comments:** For Buffalo Fly control: Apply only when fly numbers exceed acceptable levels. Removal of tags at 4 months will ensure fly populations are not exposed to sublethal doses which may increase the chance of resistance. Remove tags with tag removal knife. The level and duration of control may be reduced under high fly pressure. The whole herd is to be treated concurrently. For Cattle Biting Lice control: Apply tags in late Autumn or early Winter and remove after 3 months. For Paralysis Tick control: Aids in control of Paralysis ticks (*Ixodes holocyclus*) for up to 42 days. For effective control, both cow and calf should be treated.

**WITHHOLDING PERIODS:**

**Meat:** Nil **Milk:** Nil

**TRADE ADVICE**

**EXPORT SLAUGHTER INTERVAL (ESI):** Nil days

The treatment regime with a strategic rotation program will reduce the potential for insecticide resistance to develop in buffalo flies. More than 90% reduction in biting lice numbers over 70 days can be expected with the use of Python tags.

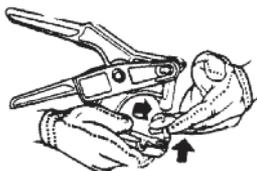
**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER CONTRARY TO THIS LABEL, UNLESS AUTHORIZED UNDER APPROPRIATE LEGISLATION.**

**GENERAL INSTRUCTIONS:** PYthon Insecticidal Cattle Ear Tags will give effective control of Buffalo flies if used regularly on all animals in the group. The treatment regime with a periodic insecticide rotation program will reduce the potential for insecticide resistance to develop.

**Application:** Apply tags with the Y-TEX Ultra Tagger® (Figures 1 to 4)

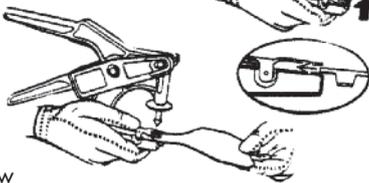
**FIGURE 1**

Seat male button firmly on pin, press down and give a slight twist.



**FIGURE 2**

Place female tag under clip by depressing lever. Collar on tag must be pointing down. Tag and button are now ready for application.



**FIGURE 3**

Position male stud between the second and third radical cartilage on the front or back of the ear. Do not allow shaft of the male button to penetrate any cartilage rib or blood vessels or ear damage may result.



**FIGURE 4**

Squeeze handles of applicator together. When properly positioned, the tag should hang as shown.



**Protection of Livestock, Wildlife, Fish, Crustacea and Environment**

Use tags only on cattle. DO NOT contaminate streams, rivers or waterways with the tags or used containers.

**DISPOSAL:** Destroy empty containers by crushing them. Dispose of containers and spent tags at a local authority landfill that does not burn its refuse. If there is no local authority landfill readily available in your area, bury the containers and spent tags at a depth of 500mm or more at an approved disposal site. DO NOT burn empty containers or spent tags.

**SAFETY DIRECTIONS**

Product may be poisonous if swallowed. Avoid contact with eyes and skin. Facial skin contact may cause temporary facial numbness. Repeated minor exposure may have a cumulative poisoning effect. When using the product wear rubber gloves. Wash hands after use. After each day's use wash gloves.

**FIRST AID:** If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131 126.

**Material Safety Data Sheets:** If additional hazard information is required, refer to the Material Safety Data Sheet. For a copy go to [www.flytags.com](http://www.flytags.com)

**STORAGE:** Store below 30°C (Room temperature). Store in original container in a dry, cool place. DO NOT store in direct sunlight.

**NOTICE OF WARRANTY:**

**Manufacturer's Warranty and Exclusion of Liability:**

This Product as supplied is of a high grade and believed to be suitable for any purpose for which it is expressly recommended and must be used in accordance with the direction for use given on the label. No responsibility is accepted in respect of this product, save those non-excludable conditions implied by any Federal and State legislation or law of a territory.

APVMA No. 48148/119796

**For more information on Buffalo fly control, contact Loveland Agri Products**

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**\*Specialising in the Integrated Control of Buffalo Fly**