

FARM FLY-CLEAN

PREMIX

COMPOSITION: Contains per 1000G PACK

Cyromazine.....	105.0 g
Calcium Carbonate.....	895.0 g

DESCRIPTION:

Cyromazine is an Insect Growth Regulator (IGR) with larvicidal effect against flies after ingestion. It interferes with the moulting process of larvae and pupation, leading to deformed or/and dead larvae, pupae or adults.

Farm Fly-Clean Premix is a free-flowing almost-white to pale-yellow powder which is odourless to almost odourless.

Farm Fly-Clean Premix is an insoluble premix and forming a cloudy solution if mixed in water with precipitate.

Farm Fly-Clean Premix contains Cyromazine 10.0% with Calcium Carbonate used as diluent.

Farm Fly-Clean Premix contains not less than 95.0% and not more than 105.0% of the label stated amount of Cyromazine.

Farm Fly-Clean Premix should be stored in an airtight container and protected from light and moisture.

PHARMACODYNAMICS:

Cyromazine is an Insect Growth Regulator (IGR) with larvicidal action against flies after

ingestion leading to the reduction of the adult population below the nuisance level, for as long as organic matter containing the active ingredient remains accessible to the larvae. It interferes with the moulting process of larvae and pupation, leading to deformed or/and

dead larvae, pupae or adults. No symptoms are observed prior to pupation or moulting into next larval instar, leading up to the death of the individual.

PHARMACOKINETICS:

Following oral administration cyromazine was found to undergo rapid and almost complete

absorption in the animal body (94-97 % of total urinary excreted radioactivity within 24 hours, greater than 97% of the applied dose within 72 hrs) (Novartis).

Cyromazine is widely distributed with the highest residues detected in urinary bladder, kidney and

liver. The excretion was found to be rapid primarily via urine (94-97 % of the dose) within 24 hours.



INDICATIONS:

Cyromazine, the active ingredient of Farm Fly-Clean is an insect growth regulator belonging to the group of trizine derivatives. Cyromazine interferes with the chitin metabolism of the insect. Treated larvae will not moult to the next stage and so the cycle of the fly is interrupted. The effect of the fly population becomes visible at least 2 weeks after first administration.

DOSAGE:

Mix 50g per MT of feed for 4-6 weeks or until fly population is under control. Pre-Mixing of the Farm Fly-Clean may be necessary to obtain a homogeneous mix.

CONTRAINDICATIONS/SAFETY DATA:

Cyromazine is considered of low acute oral, dermal and inhalation toxicity (Novartis, Hokoachimie Sarl). No classification is warranted according to Regulation (EC) 1272/2008.

INTERACTIONS WITH OTHER MEDICATIONS

Tilmicosin has neuromuscular blocking activity in high doses and may enhance the effect of other drugs with this action, with a potential danger of respiratory depression. Tilmicosin may antagonise the activity of parasympathomimetics. Cross-resistance between Tilmicosin and other macrolides like Lincomycin has been observed.

PREGNANCY AND LACTATION

Given the extremely low dose of Cyromazine it is safe for Farm Fly-Clean Premix to be given to pregnant animals and lactating animals.

SIDE EFFECTS:

No classification of concern has been assigned to cyromazine based on the available

mammalian toxicity data, i.e. carcinogen, germ cell mutagen, reproductive toxicant and/or

STOT RE. Therefore, the interim criteria for the determination of endocrine-disrupting

properties are not fulfilled. However, these conclusions may be revised pending on the



outcome of the RAC on the potential classification of cyromazine as toxic for reproduction category 2 and/or the availability of specific criteria for the determination of endocrine-disrupting properties.

SYMPTOMS AND TREATMENT OF OVERDOSE

When given under the prescribed dosage, Farm Fly-Clean Premix is extremely safe. However, in the unlikely occurrence of over-dose, stop the in take immediately and apply clean drinking water with some diuretics as cyromazine is mainly excreted via urine.

WITHDRAWAL TIMES:

Not required using the prescribed dosage.

STORAGE

Store in a cool and dry place
Store in an airtight container
For Veterinary Use Only
Keep out of the reach of children

PROPOSED SHELF LIFE:

2 years as packaged for sale

Manufactured by:

Vetpharm Lab (S) Pte Ltd
27, Tuas Ave 13, #01-25
Singapore 638993

Distributor:

ADVANCE ANIMAL SCIENCE COMPANY LTD
149-A, DIT EXTENSION ROAD
MOTIJHEEL
DHAKA 1000. BANGLADESH



WONG MUN CHIANG, BBM
Managing Director/Pharmacist