

UNLOCK™

“Unlocking the solution to your sheep flock fly and lice control program”

Unlock Combination

Features

A unique lice and fly combination concentrate insect growth regulator with proven actives for the use on all breeds of sheep.

Contains 250g/L cyromazine and 100g/L diflubenzuron in a “non- stripping” concentrate formulation, the only combination dip available containing these two actives.

Benefits

Saturation dip for jetting, shower or plunge dipping. When used by jetting provides up to 12 weeks protection against all flystrike species and lice control on all sheep breeds and will aid in the control of cockle damage on the pelt.

This combination dip acts by interfering with the deposition of chitin in the insect cuticle. This interruption of the moulting and growth process causes death of blowfly larvae and lice nymphs.

Withholding: Meat 10 days. Wool at least 60 days. Milk for human consumption 35 days.

No rain for 3-5 days after dipping

Available in a 10 litre wide top opening for easy pouring and a 5 litre pack.



UNLOCK™ COMBINATION | READ LABEL CAREFULLY BEFORE USING

Read label carefully and obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

For protection against blowfly strike, the control of lice and as an aid in the control of cockle damage.

UNLOCK™ COMBINATION is a non-stripping dip to be applied by plunge and saturation shower dips or by jetting. It gives protection from blowfly strike and from developing blowfly larvae when used as directed for up to 12 weeks, and has been shown to be effective against all flystrike species in New Zealand including the Australian green blowfly *Lucilia cuprina*. It will also control lice and aid in the control of cockle damage on the pelt. Existing cockle damage will take at least 90 days to heal following treatment.



DIRECTIONS FOR USE

By law the user must take due care, obtaining expert advice when necessary, to avoid unnecessary pain and distress when using the product other than as directed on the label.

SHAKE WELL BEFORE USE

1. Do not use UNLOCK™ COMBINATION for the treatment of existing blowfly strike. Existing blowfly strike at times of dipping or after the period of protection must be treated with a blowfly treatment product.
2. Ensure accurate dilution rates by measuring sump and replenishment tank volumes.
3. Apply using well maintained and calibrated equipment. Refer to published information e.g. Wools of New Zealand, for details of correct dipping techniques.
4. Ensure that all sheep are completely saturated to skin depth.
5. Keep dipwash as clean as possible by using clean water for mixing, emptying sheep overnight before dipping, short or no draining times and dipping no more than one sheep for every 2 litres of initial sump volume (regardless of replenishment) before completely emptying and cleaning the sump.

MODE OF ACTION

Diflubenzuron is an insect growth regulator and acts by interfering with the deposition of chitin in the insect cuticle. This interruption of the moulting and growth process causes death of blowfly larvae and lice nymphs.

FLY STRIKE PREVENTION

Dilution rates

Plunge and shower	Ewes, hoggets, rams	400ml/100L
	Lambs (medium-term fly control)	400ml/100L
Jetting	All sheep	400ml/100L

The length of protection may be affected by factors such as weather, wool type, skin, wool diseases (mycotic dermatitis or fleece rot) and soiling of wool especially from dags.

LICE CONTROL

Dilution rates (all sheep)

Plunge and shower	All sheep	200ml/100L
-------------------	-----------	------------

For lice control on clean-shorn sheep or cover-comb shorn sheep with short wool (14-35 days after shearing). Do not mix treated sheep with untreated sheep until at least 6 weeks after treatment.

