TO CAUSE A HAZARD IN THE USE, STORAGE OR DISPOSAL OF THIS SUBSTANCE IS AN OFFENCE.

PRECAUTIONS:

1. Handle with care. Avoid splashing and contact with eyes, nose and mouth.
2. Poisonous by swallowing, inhalation and contact with skin.
3. WEAR FULL PROTECTIVE CLOTHING i.e. rubber gloves, rubber boots, overalls, hood and respirator when mixing and applying Fenvalerate 20EC.
4. On completion of spraying, remove protective clothing and wash hands and face thoroughly with soap and water.
5. Dispose of the wash water in a safe manner.
6. KEEP APART FROM THE FOOD AND FOODSTUFFS.
7. **DO NOT** eat, drink or smoke while applying Fenvalerate 20EC.
8. KEEP OUT OF THE REACH OF CHILDREN.
9. Dangerous to livestock, domestic pets and is toxic to bees.
10. **DO NOT** contaminate drinking pools, dams, rivers, waterways and other water supplies.
11. Store in the original container and KEEP UNDER LOCK AND KEY.

EMPTY CONTAINER DISPOSAL:
Triple-rinse empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has\ slowed down to a drip. Thereafter, rinse the container three times with a volume of water equal to a third of that of the container. Add the rinsings to the contents of the spray tank before destroying the empty container by perforating and flattening. If possible, offer for recycling. Dispose of the wash water at a site designated for the disposal of pesticides.

CLEANING OF APPLICATION EQUIPMENT:
After use, ensure all traces of Fenvalerate 20EC are removed. Use the following method:
a) Drain and rinse tank, sprayboom and hoses with clean water for at least 10 minutes (rinse at least 3 times).
b) Fill tank with clean water and add to it 1 litre of Sodium Hypochlorite (5%) per 200 litres of water. Rinse hoses and sprayboom and leave in tank for 15 minutes whilst agitating. Drain through nozzle outlets.
c) Repeat step (b) and after that, rinse thoroughly with water. Dispose of the wash water safely in a collection sump where it will not contaminate crops, grazing, rivers, dams and boreholes.

SYMPTOMS OF POISONING:
Vomiting, anxiety, salivation, shivering, convulsions as well as skin, eye, nose and throat irritation.

FIRST AID
Remove patient from source of exposure. Seek medical attention and continue with first aid.
Inhalation: Move patient to fresh air. Loosen clothing around neck and chest.
Skin: Immediately remove all contaminated clothing and wash the skin areas exposed to with soap and water.
Eyes: Wash eyes with plenty of water for at least 15 minutes.
Ingestion: Induce vomiting by tickling the back of the throat. Take care to avoid aspiration of gastric contents. Never give anything by mouth to an unconscious person.
Take the patient to a doctor together with this label.

NOTE TO PHYSICIAN:
Treat symptomatically. No specific antidote.

WARRANTY:
Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not guarantee that it will be effective under all conditions. The activity and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the pests against Fenvalerate 20EC as well as by the method, time and accuracy of application. The registration holder does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animals or for lack of performance of the remedy concerned due to failure by the user to follow label instructions.

SHELF LIFE: Two years from date of manufacture if kept in the original unopened container under constant cool and dry conditions.
BATCH No.
Date of manufacture:

FENVALERATE 20EC INSECTICIDE

Reg. No. 20-D-114-68

Net Contents:



POISON

HARMFUL VAPOUR - FLAMMABLE

composition mass/volume
Fenvalerate ..... 200 g/l

Chemical group: Pyrethroid

A pyrethroid insecticide for control of Heliothis bollworm, Red bollworm, Spiny bollworm, Jassids, Stainers and leafeaters in cotton.

Registered and Distributed by:
Optimum Agro (Pvt) Ltd
12 Highfield Road, Southerton, Harare.
Phone number: 0242774725
E-mail: sales@optiagro.co.zw

OPTIMUM AGRO
REVOLUTIONISING PLANT PROTECTION

DIRECTIONS FOR USE:

NOTE: USE OF FENVALERATE 20EC SHOULD BE AS FOLLOWS:
ON COTTON: S.E. LOWVELD- NOT before 25th December and not after the end of February.
ELSEWHERE: NOT before 1st February.

CROP	RATE			APPLICATION REMARKS
COTTON	Quantity of Fenvalerate 20EC / 15 Litre-Knapsack Sprayer			
PEST		<60 cm crop height	>60 cm crop height	
Heliothis bollworm, Red bollworm, Spiny bollworm, Jassids, Stainers and Leafeaters	Knapsack Lance pumping frequency	20 ml/15 litres Knapsack (once every 4 paces)	20 ml/15 litres Knapsack (once every 4 paces)	By walking down every row, apply the required number of full, Knapsacks/ ha
	(Walking speed)	72 m/min	72 m/min	
	Knapsacks /ha	7 knapsacks	10 knapsacks	

COTTON: For control of Heliothis, Red and Spiny Bollworms, Leafeaters, Jassids and Stainers.

Tailboom application:
Mix 133 ml of Fenvalerate 20EC in 100 litres of water. Depending on plant height, spray at the following rates:
Plants which are 0.4 m-0.9 m tall,apply 133ml of Fenvalerate 20EC in 150 litres of spray mixture/hectare.
Plants over 0.9 m tall, apply 200ml of Fenvalerate 20EC in 150 litres of spray mixture/hectare.

Aerial application:
Mix 133 ml of Fenvalerate 20EC in 100 litres of water and add molasses at 25% spray volume to the spray mixture. Depending on plant height, spray at the following rates:
Plants which are 0.4 m-0.9 m tall, apply 10 litres of spray mixture per hectare.
Plants which are over 0.9 m tall, apply 15 litres of spray mixture per hectare.

ULV application:
Mix 40 ml Fenvalerate 20EC with 350 ml molasses and make up to 1 litre with water. Spray at the following rates according to plant height:
Plants which are 0.4 m-0.9 m tall, apply 3.3 litres of spray mixture per hectare.
Plants which are over 0.9 m tall, apply 5.0 litres of spray mixture per hectare.

Fenvalerate 20EC use on general crops:

PEST	DOSAGE/ 100l of water	APPLICATION DIRECTIONS
Cutworm	100 ml per ha	Apply as a band spray over the crop at the first sign of germination.

Pre-harvest interval (PHI):
Minimum time between last application and harvest or feeding (f):
Tomatoes-2 days
Potatoes-3 days
Beans and Peas-7 days
Apples, Pears and Cucurbitae -14 days
Maize-24 days
Grapes, Grain sorghum, Cotton (f) and Sunflower-28 days