

Sales Panel

MYLOMEX® 900 SP

Reg. No./Nr L4783, Act No./ Wet Nr. 36 of/ van 1947
Botswana Reg. No./Nr. W1301153, Act No./Wet Nr. of/van 1999
Namibian / Namibiese Reg. No./Nr, N-AR 1665

READ THE LABEL BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS

A water-soluble powder insecticide for the control of pests in various crops as indicated.

'N wateroplosbare poeier insekdoder vir die beheer van plae in verskeie gewasse soos aangedui.

GROUPS/GROEPE	1A	INSECTICIDE/INSEKDODERGROEPKODES
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ACTIVE INGREDIENT:

AKTIEWE BESTANDDEEL:

Methomyl (carbamate)900 g/kg.....Metomil (karbamaat)

Net Volume

Kg

Netto Volume



DANGER

GHS Hazard Statements

Fatal if swallowed.
Very toxic to aquatic life with long lasting effects.

GHS Precautionary Statements

Do not breathe dust, mist, vapours or spray.
Wash thoroughly after handling



REGISTRATION HOLDER / REGISTRASIEHOUER:

Nulandis® (A division of AECI Limited)/ Nulandis® ('n Afdeling van AECI Beperk)

Reg. No. / Nr. 1924/002590/06

P.O. Box / Posbus 14418

Witfield, 1467

Tel : (011) 823 8000

www.aeciph.com

IN CASE OF POISONING PLEASE PHONE / IN GEVAL VAN VERGIFTIGING SKAKEL ;
0861 555777 / 082 446 8946

MYLOMEX® is the registered trademark of AECI® Limited/'n geregistreerde handelsmerk van AECI® Beperk

Batch No:

Lotnommer:

DATE OF MANUFACTURE : VERVAARDIGINGSDATUM:

UN No. / VN Nr. 2757 CARBAMATE PESTICIDES, SOLID, TOXIC (Methomyl)

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WARNINGS:

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ALLOW THE FOLLOWING WITHHOLDING PERIODS - MINIMUM NUMBER OF DAYS WHICH SHOULD LAPSE BETWEEN THE LAST APPLICATION AND HARVESTING OR GRAZING (FEEDING):

CRUCIFERAE	4 DAYS
POTATOES	3 DAYS
GRAIN SORGHUM, MAIZE, PASTURES, WHEAT, LUPINS, LUCERNE, FLUE-CURED TOBACCO	7 DAYS
AIR-CURED TOBACCO	14 DAYS
CITRUS – 20 g / 100 l DOSAGE	2 DAYS
CITRUS - HIGHER THAN 20 g / 100 l DOSAGE	28 DAYS
PEACHES	16 DAYS
TOMATOES	2 DAYS

GREEN BEANS

14 DAYS

MYLOMEX 900 SP MAY CAUSE YELLOWING OF LEAF TIPS USED ON CERTAIN CARNATION VARIETIES. DO NOT USE **MYLOMEX 900 SP** IN COMBINATION WITH G49 WETTING AGENT ON TOBACCO SEEDBEDS OR ON CITRUS.

Handle with extreme care.

Poisonous by contact, swallowing or inhalation - a small quantity may be fatal when swallowed or inhaled.

Toxic to fish, bees and wildlife.

Store under lock and key in a cool place. Store away from food and feedstuffs.

Keep container well closed. Keep out of reach of children, animals and uninformed persons.

Re-entry – Do not enter treated area within 2 days after treatment unless wearing protective clothing.

In case of poisoning - CALL A DOCTOR AND MAKE THIS LABEL AVAILABLE TO HIM.

AERIAL APPLICATION: Notify all inhabitants of the immediate area to be sprayed and issue the necessary warnings. Do not spray over or allow drift to contaminate water or adjacent areas.

ALTHOUGH THIS REMEDY HAS BEEN EXTENSIVELY TESTED UNDER A LARGE VARIETY OF CONDITIONS THE REGISTRATION HOLDER DOES NOT WARRANT THAT IT WILL BE EFFICACIOUS UNDER ALL CONDITIONS BECAUSE THE ACTION AND EFFECT THEREOF MAY BE AFFECTED BY FACTORS SUCH AS ABNORMAL 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 TO THE REMEDY CONCERNED AS WELL AS BY THE METHOD, TIME AND ACCURACY OF APPLICATION. THE REGISTRATION HOLDER FURTHERMORE DOES NOT ACCEPT RESPONSIBILITY FOR DAMAGE TO CROPS, VEGETATION, THE ENVIRONMENT OR HARM TO MAN OR ANIMAL OR FOR LACK OF PERFORMANCE OF THE REMEDY CONCERNED DUE TO FAILURE OF THE USER TO FOLLOW THE LABEL INSTRUCTIONS OR TO THE OCCURRENCE OF CONDITIONS WHICH COULD NOT HAVE BEEN FORESEEN IN TERMS OF THE REGISTRATION. CONSULT THE SUPPLIER IN THE EVENT OF ANY UNCERTAINTY.

PRECAUTIONS:

GHS Precautionary Statements

Keep out of reach of children.

Read carefully and follow all instructions.

Do not breathe dust/ mist/ vapours/ spray.

Wash thoroughly after handling.

Wear protective gloves/ protective clothing/ eye protection/ face protection.

IF SWALLOWED: Get emergency medical help immediately.

IF exposed or concerned: Get emergency medical help immediately.

Avoid inhalation of spray mist and contact with eyes, skin or clothing.

Wash contaminated clothing daily. Wash with soap and water after use or accidental skin contact.

Do not eat, drink or smoke while handling the product or before washing hands and face and changing clothes.

Prevent contamination of food, feed, drinking water and eating utensils.

Prevent spray drift onto other crops, grazing, rivers, dams and other areas not under treatment.

Clean applicator thoroughly after use and dispose of wash water where it will not contaminate crops, grazing, rivers and dams.

Shake all the pesticide formulation of the container into the spray or mixing tank or if it is directly dispensed onto treatment areas, over the area. Turn the bag or box inside out. Hold the bag over the spray or mixing tank or treatment area and rinse bag or box with running water for thirty seconds. Shake the rinsate off into the tank. Repeat the rinsing twice. Cut the bag or box into pieces and dispose of via

normal refuse disposal. Do not burn, bury or donate the bag or box to any other parties that may use it as a container for food.

RELEVANT SUBSTANCES:

Substance name (IUPAC/EC)	Concentration % by weight	Classification
		EC1272/2008
Methomyl	80-95%	Acute toxicity oral (Category 2) H300. Aquatic acute 1 H400. Aquatic chronic 1 H410. M=100
Sodium dodecyl sulphate	1-<10%	Acute toxicity oral (Category 4) H302. Skin irritation (Category 2) H315. Eye irritation (Category 2) H319

NOTE: The other ingredients not included above, do not cause or contribute towards the correct GHS classification of **MYLOMEX 900 SP** and are therefore, in terms of the South African Regulations for Hazardous Chemical Agents - 2021; Regulation 14(b), not listed.

FIRST AID:

In case of inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

In case of skin contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

In case of eye contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. WARM water MUST be used. Get medical attention immediately.

In case of ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical immediately

NOTE TO PHYSICIAN:

The product is a cholinesterase inhibitor carbamate. Administer Atropine sulphate as an antidote until complete atropinisation. Morphine, 2-PAM and oxime therapy are contra-indicated.

AERIAL APPLICATION:

Aerial application may only be done by a registered aerial application operator using a correctly calibrated, registered aircraft according to the instructions of SANS Code 10118 (Aerial Application of Agricultural Remedies). It is important to ensure that the spray mixture is distributed evenly over the target area and that the loss of spray material during application is restricted to a minimum. It is therefore essential that the following criteria are met:

Equipment:

Use a conventional boom. Nozzles must be equipped with hollow cone or flat fan tips that will produce the desired droplet size and coverage, but which will ensure the minimum loss of product through drift. The operator must use a setup that will produce a droplet spectrum with the lowest possible relative span.

All nozzles / atomisers should be positioned within the inner 60 to 75 % of the wingspan to prevent droplets from entering the wingtip vortices.

Application parameters:

A minimum volume of 30 l spray mixture per hectare is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy, or be held responsible for any adverse effects if this product is applied aurally at a lower volume rate than recommended above.

A droplet coverage of 30-35 droplets per cm² must be recovered at the target.
A droplet spectrum with a VMD (Volume Median Diameter) of 250 - 280 microns is recommended.
Ensure that the production of fine droplets (smaller than 150 microns) is restricted to a minimum.
The height of the spray boom should be maintained at 3-4 metres above the target. Do not spray when aircraft is in a climb, at the top or during a dive, or when banking.
Apply before the crop becomes too dense, thus preventing proper coverage of the plants.

Meteorological conditions:

The difference between the wet and dry bulb readings as determined by a whirling hygrometer, must not exceed 8 °C

Do not spray under turbulent, unstable conditions during the heat of the day when rising thermals and downdraughts occur.

Do not spray under temperature inversion conditions (spraying in or above the inversion layer).

Do not spray if the wind speed exceeds 15 km/h.

- Stop spraying under turbulent, unstable and dry conditions during the heat of the day.
- Spraying under temperature inversion conditions (spraying in or above the inversion layer) and/or high humidity conditions (relative humidity 80 % and above) may lead to the following:
 - a) reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage).
 - b) damage to other sensitive crops and/or non-target areas through drifting of the suspended spray cloud away from the target field.

General:

Ensure that the aerial spray operator knows exactly which fields to spray.

Obtain an assurance from the aerial spray operator that the above requirements will be met and that relevant data will be compiled in a logbook and kept for future reference.

RESISTANCE WARNING:

For resistance management, **MYLOMEX 900 SP** is a Group Code 1A insecticide. Any insect population may contain individuals naturally resistant to **MYLOMEX 900 SP** and other Group Code 1A insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by **MYLOMEX 900 SP** or any other Group Code 1A insecticides.

Avoid exclusive repeated use of insecticides from the same insecticide Group Code. Alternate or tank mix with products from different insecticide Group Codes.

Integrate other control methods [chemical, cultural, biological] into insect control programmes.

For specific information on resistance management contact the registration holder of this product.

MODE OF ACTION:

Methomyl is a cholinesterase inhibitor.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

MIXING INSTRUCTIONS:

Add the required amount to a half full spray tank and mix thoroughly and fill up slowly while agitating (mechanical or hydraulic). Commence agitating mixture a few minutes before starting to spray. Agitation is required to ensure thorough mixing of product.

APPLICATION TABLE:

CROP / PEST	DOSAGE	REMARKS
CRUCIFERAE Larvae of Diamond-back moth, Greater cabbage moth & Aphids	50 g/ 100 ℓ water	Apply when worms first appear on the leaves. Use up to 500 ℓ spray mixture / ha. During hot weather and peak infestation, shorten the spray intervals to 3-5 days. Ensure thorough wetting of the plants.
African bollworm	250 g / ha	<u>Ground application:</u> Apply in sufficient water to ensure good coverage. <u>Aerial application:</u> Apply in 30 ℓ water as soon as worms appear. Repeat if necessary.
CARNATIONS Carnation worm	100 g / 100 ℓ water	Ensure good coverage of the whole plant. Repeat weekly.
BEANS African bollworm	250 g / ha 50 g/ 100 ℓ water	<u>Aerial application:</u> Apply in 30 ℓ water as soon as infestation appears. Repeat if necessary. <u>Ground application:</u> Ensure good coverage of the plants and apply up to 500 ℓ spray mixture / ha.
CITRUS Aphids & African bollworm	20 g / 100 ℓ water	Apply as a full light cover spray when aphids and/or worms appear. Repeat when necessary.
Mealy bug	20 g / 100 ℓ water	Apply as a full cover spray with a high-pressure sprayer as soon as young nymphs appear on the fruit. Repeat if necessary.
Orange Dog caterpillar	25 g / 100 ℓ water	Apply as light cover spray as soon as larvae are noticed
Red Scale	100 g plus 3 ℓ Light narrow range mineral oils / 100 ℓ water	<u>Corrective treatment:</u> Apply when 25%-40% of the fruit is infested with one or more live nymphs or adult scale. WARNING: Fruit bearing Trees: Only one application must be made between December and March for late cultivars . Early cultivars may only be sprayed in December or January and not later than January. Application must be made with high-pressure air compressor handguns. DO NOT apply with conventional citrus spray rigs.
Soft green scale	20 g plus 500 ml light narrow range mineral oil / 100 ℓ water	Apply as a full cover spray with a high-pressure pump when the first visible signs of infestation are noticed. Do not use less than 500 ml mineral oil / 100 ℓ water.
Waxy scale	25 g / 100 ℓ water	Apply as a full cover spray with a high-pressure pump as young nymphs of a new generation move from the leaves to the twigs. This treatment will not be successful against adult waxy scale.

CROP / PEST	DOSAGE	REMARKS
PEACHES False codling moth	50 g / 100 ℓ water	Early cultivars: Apply two sprays ensuring that the tree is thoroughly wetted. Apply the first spray 4 weeks before harvest and the second 10 days later. Also apply a registered product for fruit fly control. Late cultivars: Apply 3 sprays beginning 6 weeks before harvest and repeat at 10 day intervals. Ensure good coverage of the trees. Also apply a registered product for fruit fly control.
POTATOES Potato tuber moth and African bollworm	50 g / 100 ℓ water 300 - 500 g / ha	Ground application: Ensure a good coverage and wetting of the plant. Apply up to 1 000 ℓ spray mixture / ha Aerial application: Apply in 30 ℓ water. Use the higher dosage if the spray interval exceeds one week. For tuber moth, begin application as soon as the plant is one month old and repeat applications weekly throughout the growing season. Potatoes must be ridged at least twice during the growing season. For African bollworm one application is sufficient to control one outbreak. If further outbreaks occur, repeat application if necessary.
ROSES Aphids	25 g / 100 ℓ water	Apply as a full cover spray. Repeat if necessary. Apply up to 500 ℓ spray mixture / ha.
TOBACCO Leaf miner, African bollworm, Tobacco slug and Stinkbug	50 g / 100 ℓ water	Ground application: Apply when pests are noticed. For leaf miner, spray weekly and ensure thorough wetting of the plants. Apply up to 500 ℓ spray mixture / ha.
African bollworm, Tobacco slug and Stinkbug	250 g / ha	Aerial application: Apply in 30 ℓ water when pests are noticed. Repeat if necessary.
TOMATOES African bollworm, Looper, Leaf miner, Aphids and Thrips	50 g / 100 ℓ water	Apply as a full cover spray as soon as fruit begin to set or earlier if necessary and repeat at 7 - 10 day intervals during the growing season.
GRAIN SORGHUM, WHEAT, LUPINS & LUCERNE African bollworm	200 g / ha 200 g / ha 50 g / 100 ℓ water	Aerial application: Apply in 30 ℓ water as soon as the pest is observed. Repeat if necessary. Ground application: Low volume. Apply in 100 - 200 ℓ water Apply in up to 400 ℓ spray mixture / ha.

MAIZE African bollworm	200 g / ha	<u>Aerial application:</u> Apply in 30 ℓ water as soon as worms are noticed on the silks. MyIomex 900 SP will not control worms, which have already entered the cob.
	200 g / ha	<u>Ground application:</u> Low volume. Apply in 100 - 200 ℓ water.
	50 g / 100 ℓ water	Apply up to 400 ℓ spray mixture / ha.
Fall armyworm (<i>Spodoptera frugiperda</i>)	200 g/ha	Apply once the infestation is noticed but not later than the 1 st and 2 nd -instar stage. Variable control may be expected from the 3 rd -instar stage onwards. Direct the spray nozzles into the funnel of the plants using between 300 – 600 ℓ water and ensure thorough coverage of the target area. Repeat every 7 days if necessary.
GRAZING AND OTHER CROPS Army worms	50 g / ha	<u>Ground application:</u> Apply in 400 ℓ water as soon as pest is noticed.
VELD AND GRAZING Fall armyworm (<i>Spodoptera frugiperda</i>)	50 g/ha	Apply once the infestation is noticed but not later than the 1 st and 2 nd -instar stage. Variable control may be expected from the 3 rd -instar stage onwards. Apply a full cover spray and ensure thorough coverage of the target area. Repeat when necessary.

