

STOP! READ THE PAMPHLET BEFORE USING THE PRODUCT AND CONSULT A PROFESSIONAL IN AGRICULTURAL SCIENCES.

# Lannate® SP

INSECTICIDE - CARBAMATE  
METHOMYL



**TOXIC**

ANTIDOTE: ATROPINE SULFATE

THIS PRODUCT MAY BE FATAL IF SWALLOWED AND/OR INHALED MAY CAUSE DAMAGE TO THE EYES AND SKIN BY EXPOSURE

"DO NOT STORE IN DWELLINGS"  
"KEEP OUT OF THE REACH OF CHILDREN, MENTALLY UNSOUND PERSONS, DOMESTIC ANIMALS, FOOD AND MEDICATIONS"



### AGRONOMIC USE:

### MODE OF ACTION:

LANNATE® SP is an insecticide of agriculture use with contact, stomach, ovicide, larvicide, and adult damage action.

### APPLICATION EQUIPMENT:

LANNATE® SP can be applied with terrestrial and aerial aspersions equipment (broth volume 200 – 400 l/ha), in both cases the personal that handles this product must use personal protection equipment: rubber boots, mask, goggles, rubber gloves, metering, and spraying accessories. Calibrate the application equipment properly only with water initially, use whole cone nozzles, verify the same is in optimal operation conditions and without leaks. Apply when weather is calm and without breeze. Keep always at hand the auxiliary equipment consisting in buckets, metering, trowels, brushes, and other necessary in the preparation and application of the product. The use of nozzles for the application of insecticides is recommended.



### HOW TO PREPARE THE MIXTURE:

The quantity of water must be according to the area of application or to the volume of water to prepare the mix, fill the tank to the half, keeping a constant agitation, pour the quantity of necessary product and complete the with water, and agitate well the mixture. Remember to agitate well the mix every time you fill the aspersions tank.



### RECOMMENDATION FOR USE:

LANNATE® SP, is recommended to be used in:

CROP	PLAGUE	DOSES kg/ha (kg/mz)	INTERVAL BETWEEN LAST APPLICATION AND HARVEST
Beans <i>Phaseolus vulgaris</i>	Bean beetle <i>Epilachna varivestis</i> Leafhopper <i>Empoasca</i> spp. Tiger moths <i>Estigmene acrea</i>	0,25 - 0,50 0,18 - 0,35	3 - 15 days
Cabbage <i>Brassica oleracea</i> var <i>capitata</i>	Cabbage white <i>Pieris rapae</i> Cabbage looper <i>Trichoplusia ni</i>	0,25 - 0,50 0,18 - 0,35	1 day
Carrot <i>Daucus carota</i>	Aster leafhopper <i>Macrostelus</i> spp. Armyworm <i>Spodoptera exigua</i>	0,25 - 0,50 0,18 - 0,35	1 day
Celery <i>Apium graveolens</i>	Fall armyworm <i>Spodoptera frugiperda</i> Moth <i>Trichoplusia ni</i>	0,25 - 0,50 0,18 - 0,35	7 days
Corn <i>Zea mays</i>	Fall armyworm <i>Spodoptera frugiperda</i> Corn earworm <i>Heliothis zea</i>	0,20 - 0,40 0,14 - 0,28	7 days
Cotton <i>Gossypium hirsutum</i>	Earworm <i>Heliothis</i> spp. Armyworm <i>Spodoptera exigua</i> Cotton leaf perforator <i>Bucculatrix thurberiella</i>	0,20 - 0,40 0,14 - 0,28	15 days
Cucumber <i>Cucumis sativus</i>	Moth <i>Trichoplusia ni</i> Fruit worm <i>Diaphania</i> spp.	0,25 - 0,50 0,18 - 0,35	3 days
Lettuce <i>Lactuca sativa</i>	Armyworm <i>Spodoptera exigua</i> Moth <i>Trichoplusia ni</i>	0,25 - 0,50 0,18 - 0,35	7 - 10 days
Melon <i>Cucumis melo</i>	Moth <i>Trichoplusia ni</i> Fruit worm <i>Diaphania</i> spp.	0,25 - 0,50 0,18 - 0,35	3 days
Pepper <i>Capsicum frutescens</i>	Aphids <i>Aphis</i> spp. Pepper worm <i>Heliothis zea</i>	0,25 - 0,50 0,18 - 0,35	3 days
Potato <i>Solanum tuberosum</i>	Moth <i>Phthorimaea operculella</i> Leaf hopper <i>Empoasca</i> spp. Aphids <i>Aphis</i> spp. Flea beetles <i>Eptix</i> spp.	0,25 - 0,50 0,18 - 0,35	6 days
Sorghum <i>Sorahum vulgare</i>	Corn earworm <i>Heliothis zea</i> Sorghum midge <i>Contarinia sorahicola</i>	0,20 - 0,40 0,14 - 0,28	14 days
Spinach <i>Spinacea oleracea</i>	Armyworm <i>Spodoptera exigua</i> Moth <i>Trichoplusia ni</i>	0,25 - 0,50 0,18 - 0,35	7 days
Beet <i>Beta vulgaris</i>	Armyworm <i>Spodoptera exigua</i> Flea beetles <i>Eptix</i> spp.	0,25 - 0,50 0,18 - 0,35	7 days
Tobacco <i>Nicotiana tabacum</i>	Tobacco budworm <i>Heliothis virescens</i> Tobacco hornworm <i>Manduca sexta</i> Moth <i>Trichoplusia ni</i> Flea beetles <i>Eptix</i> spp.	0,25 - 0,50 0,18 - 0,35	5-14 days
Tomato <i>Lycopersicum esculentum</i>	Fruit worm <i>Heliothis</i> spp. Tobacco hornworm <i>Manduca sexta</i> Moth <i>Trichoplusia ni</i>	0,25 - 0,50 0,18 - 0,35	1-2 days

### APPLICATION INTERVAL:

Apply LANNATE® SP when the first symptoms of plague attack are shown. Apply from 7 or 14 days, depending on the presence of the plague.

### INTERVAL FOR REENTRY INTO TREATED AREAS:

Wait 24 hours or when the spray mist has dried. The personal protection equipment must be used before this period.

### PHYTOTOXICITY:

LANNATE® SP is compatible with most insecticides and fungicides currently in use. It is not compatible with substances of alkali reaction.

### PRECAUTIONS AND WARNINGS FOR USE:

#### STORAGE AND TRANSPORT:

Store away from children. Store and transport the product in a dried and ventilated place, away from food, foliages, and medicines. Store on its original packaging, tightly closed, labeled and away from herbicides. The product is not corrosive nor flammable.

**DO NOT STORE IN DWELLINGS  
KEEP OUT OF THE REACH OF CHILDREN**



**DO NOT SMOKE, EAT OR DRINK WHILE APPLYING OR HANDLING  
THIS PRODUCT. SHOWER AFTER WORKING  
WITH THIS PRODUCT AND WEAR CLEAN CLOTHES.**



### SIGNS OF INTOXICATIONS:

Weakness, blurred vision, headache, nausea, abdominal cramp, pupil constrictions, sweating, slow pulse, and muscular tremors.

### FIRST AID:

**BY INGESTION:** Provoke vomit by giving plenty of warm water with salt.

**BY CONTACT WITH SKIN:** Wash the affected part with plenty of water and soap.

**BY INHALATION:** Remove the patient from the contaminated area and take it to a ventilated place.

**BY CONTACT WITH EYES:** Wash with clean water at least during 15 minutes.

**DO NOT GIVE TO DRINK NOR INDUCE VOMIT  
IN AN UNCONSCIOUS PERSON.**

### ANTIDOTE AND MEDICAL TREATMENT:

Administer repeated doses of Atropine Sulphate as antidote by intravenous route. The doses must be of 0.4 to 2.0 mg, every 10 minutes, depending on the patient age and the seriousness of the symptoms until getting a total atropinization. If necessary administer artificial respiration or oxygen. Do not use 2-PAM. Do not use morphine.

### NATIONAL POISONING CENTERS:

1-800-441-3637 for emergency medical treatment information.

### ENVIRONMENTAL HAZARDS:

**THIS PRODUCT IS TOXIC TO AQUATIC ORGANISMS (FISH AND  
INVERTEBRATES) AND EXTREMELY TOXIC TO BIRDS.**



**HIGHLY TOXIC TO BEES EXPOSED TO DIRECT TREATMENT OR  
RESIDUES. DO NOT APPLY TO WATER, OR TO AREAS WHERE  
SURFACE WATER IS PRESENT.**



**DO NOT CONTAMINATE WATER WHEN DISPOSING EQUIPMENT  
WASHWATERS.**

### MANAGEMENT OF CONTAINERS, PACKAGES, WASTE AND REMNANTS:

The empty containers must go through the triple washing process and must be sent to the gathering centers allowed to receive this material. The waste and remnants of the product must not be emptied in water courses, must be eliminated in distant places, preferably in special wholes outside plantation.

**USING CONTAINERS AND PACKAGES FOR PURPOSES OTHER THAN THOSE FOR WHICH  
THEY WERE DESIGNED, MAY BE HAZARDOUS TO HUMAN HEALTH AND THE ENVIRONMENT.**

### DECLARATION OF WARRANTY:

Manufacturer warrants that the product in this package contains the chemical composition specified in the label. Seller makes no warranty expressed or implied concerning the use of this product other than indicated on this label. Buyer assumes all risk about use, storage and handling of this material not in strict accordance with directions given herewith.

MANUFACTURER/OR FORMULATOR:

IMPORTER:



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