

2012-2077  
2012-09-25

*Outer Package Label*

<b>GROUP</b>	<b>1A</b>	<b>INSECTICIDE</b>
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**LANNATE® Toss-N-Go® INSECTICIDE**

Soluble Powder

RESTRICTED

READ THE LABEL AND BOOKLET BEFORE USING

GUARANTEE: Methomyl 90%

REGISTRATION NO. 10868 PEST CONTROL PRODUCTS ACT

NET CONTENTS 5.4 kg (24 x 225g water soluble bag)

Do not subject to temperatures below 0 °C

DANGER



POISON

KEEP OUT OF REACH OF CHILDREN.

E. I. DU PONT CANADA COMPANY  
AGRICULTURAL PRODUCTS  
P.O. Box 2300, Streetsville  
Mississauga, Ont. L5M 2J4  
1-800-667-3925

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

**NATURE OF RESTRICTION:** This product is to be stored or displayed separate from food or feed.

**PRECAUTIONS:**

- ◆ KEEP OUT OF REACH OF CHILDREN
- ◆ Fatal or poisonous if swallowed or absorbed through the eyes. May be fatal if inhaled
- ◆ Do not breathe dust or spray mist.
- ◆ Do not get in eyes, on skin, or on clothing.
- ◆ Do not sell water-soluble bags separately.
- ◆ Do not puncture water soluble packets for any reason.
- ◆ Wear clean clothes daily.
- ◆ Wash thoroughly after handling and before eating or smoking.
- ◆ Do not apply this product in such a manner as to directly or through drift expose workers, other persons or animals. The area being treated must be vacated by unprotected persons.
- ◆ Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no instructions are available, wash PPE using detergent and hot water. Keep and wash PPE separately from other laundry.
- ◆ Discard clothing or other materials that have been drenched or heavily contaminated with this product. Do not reuse them.
- ◆ Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- ◆ Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- ◆ Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
- ◆ Wear coveralls over long sleeved shirt and long pants, chemical resistant gloves, socks, chemical resistant footwear, goggles or face shield, and either a respirator with a NIOSH/MSHA/MHSE approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH/MSHA/BHSE approved canister approved for pesticides during mixing, loading, application, clean up and repair.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's website at [www.croplife.ca](http://www.croplife.ca).

**FIRST AID:**

**If in eyes,** hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

**If swallowed,** call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**If inhaled,** move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

**If on skin or clothing**, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

For medical emergencies call 1-800-441-3637 (24 hours).

## **TOXICOLOGICAL INFORMATION**

**ATROPINE IS AN ANTIDOTE - SEEK MEDICAL ATTENTION AT ONCE IN ALL CASES OF SUSPECTED POISONING.**

Methomyl is a carbamate which is a cholinesterase inhibitor. Typical symptoms of overexposure to cholinesterase inhibitors include malaise, muscle weakness, dizziness and sweating. Headache, salivation, nausea, vomiting, abdominal pain and diarrhea are often prominent. A life-threatening poisoning is signified by loss of consciousness, incontinence, convulsions and respiratory depression with a secondary cardiovascular component. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate degree of exposure (baseline data are useful). However, if a blood sample is taken several hours after exposure, it is unlikely that blood cholinesterase activities will be depressed, due to rapid reactivation of cholinesterase. Atropine, only by injection, is the preferable antidote. Do not use pralidoxime. In cases of severe acute poisoning, use antidotes immediately after establishing an open airway and respiration. With oral exposure, the decision of whether to induce vomiting or not should be made by an attending physician.

**WARNING SYMPTOMS** -- Methomyl poisoning produces effects associated with anticholinesterase activity which may include weakness, blurred vision, headache, nausea, abdominal cramps, discomfort in the chest, constriction of pupils, sweating, slow pulse, muscle tremors.

**TREATMENT** -- Atropine sulphate should be used for treatment. Administer repeated doses, 1.2 to 2.0 mg intravenously every 10 to 30 minutes until full atropinization is achieved. Maintain atropinization until the patient recovers. Artificial respiration or oxygen may be necessary. Allow no further exposure to any cholinesterase inhibitor until recovery is assured.

Do not use 2-PAM for exposure to LANNATE® Toss-N-Go® Insecticide alone. However, for exposure to combinations of LANNATE® Toss-N-Go® Insecticide and organophosphorous insecticides, 2-PAM may be used as required to supplement the atropine sulphate treatment. Do not use morphine.

For medical emergencies call 1-800-441-3637 (24 hours).

### **STORAGE:**

Do not subject to temperatures below 0 degrees C. Store product in original container only, away from other pesticides, fertilizer, food or feed. Not for use or storage in or around the home.

### **DISPOSAL:**

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty outer container unsuitable for further use.
3. Dispose of the empty container in accordance with provincial requirements.
4. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of spill, and for clean-up of spills.

Purchase of this material does not confer any rights under patents of countries outside Canada.

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<<Directions For Use Booklet>>

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**NATURE OF RESTRICTION:** This product is to be stored or displayed separate from food or feed.

**RESTRICTED USES - DIRECTIONS FOR USE:**

LANNATE® Toss-N-Go® Insecticide should be used only in accordance with recommendations on this label. For further details on use of LANNATE® Toss-N-Go® Insecticide, consult published DuPont recommendations available through local dealers.

LANNATE® Toss-N-Go® Insecticide is a dry powder contained within a water-soluble bag, to be dissolved in water for application by ground or air equipment. Use air application only where recommended. Use only in commercial plantings; do not use in home plantings.

Do not handle water-soluble bags with bare hands. Use chemical resistant gloves. Do not allow water-soluble bags to become wet prior to adding to the spray tank. Do not puncture bags for any reason. Do not store below 0°C. Allow to warm above 10°C for normal handling.

Do not mix with liquid fertilizers, substances that contain boron or substances that release free chlorine. Mixing the water soluble film with any of these compounds will result in an insoluble substance in the tank.

**SPRAY PREPARATION:**

Fill spray tank ¼ to ½ full of water. Add the appropriate number of LANNATE® Toss-N-Go® Insecticide water-soluble bags directly to the spray tank, and mix thoroughly; once dissolved continued agitation is not required. Use mechanical or hydraulic means; do not use air agitation.

**APPLICATION:**

Apply at the recommended rates when insects first appear. Apply at 5 to 7 day intervals. Apply the low rates on small plants, small insects and light infestations of insects. Early morning or late evening sprays are recommended.

**Ground application:** Use sufficient water to obtain thorough, uniform coverage. Suggested water volumes for conventional ground applications are: 250 to 850 L/ha for broccoli, cauliflower, brussels sprouts, cabbage, lettuce, tomatoes, and potatoes; 100 L/ha for flax and canola; 100 to 350 L/ha for wheat, oats, barley, snapbeans and peas; 240 to 900 L/ha for sweet corn; 200 to 450 L/ha for tobacco. Rates per hectare for apples are based on using a volume of 3000 litres per hectare.

**AERIAL APPLICATION:**

Apply only by fixed-wing or rotary aircraft equipment, which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label. Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment. Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

**Use Precautions:**

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the National Aerial Pesticide Application Manual, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

Do not apply to any body of water. Avoid drifting of spray onto any body of water or other non-target areas. Specified buffer zones should be observed. Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in fine particles (mist). Do not apply during periods of dead calm or when wind velocity and direction pose a risk of spray drift. Do not spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelter-belt) or aquatic habitat.

**Operator Precautions:**

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted. It is desirable that the pilot have communication capabilities at each treatment site at the time of application. The field crew and the mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label. All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

**Product Specific Precautions:**

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-800-667-3925 or obtain technical advice from the distributor or your provincial agricultural representative.

Application of this specific product must meet and/or conform to the following:

Pilot should not assist in the mixing and loading operations.

Apply a minimum of 22.5 L of water per hectare.

CROP METHOD OF APPLICATION A MEANS AIR G MEANS GROUND		INSECTS	RATE PER HECTARE	MAXIMUM NUMBER OF APPLICATIONS PER YEAR	LAST APPLICATION TO HARVEST (DAYS)
Apples*	G	<b>Spotted Tentiform Leafminer:</b> 1st generation - apply at the calyx stage when the mines become visible on undersurface of leaves.	1.6-2.1kg	1	8
		<b>Mullein Bug:</b> Apply once at calyx using enough water to ensure adequate coverage but not over 4000 L/ha	1.6 kg		
		<b>Oblique-banded Leafroller:</b> Apply when larvae appear just after petal fall or when pheromone traps indicate adults are increasing.	1.6 kg		

CROP METHOD OF APPLICATION A MEANS AIR G MEANS GROUND	INSECTS	RATE PER HECTARE	MAXIMUM NUMBER OF APPLICATION S PER YEAR	LAST APPLICATION TO HARVEST (DAYS)	
Apples*	<b>White Apple Leafhopper:</b> 1st generation nymphs - apply shortly after petal fall. 2nd generation nymphs - apply when nymphs appear.	1.4 kg	1	8	
	<b>Apple Aphids</b>	1 – 2.1 kg			
	<b>Wintermoth:</b> Spray at late tight cluster to early pink stage using enough water to ensure adequate coverage	600 g			
	<b>Codling Moth</b>	540 g – 2.1 kg			
<p><b>Note:</b> Consult local spray calendar recommendations for more information on timing of applications for the above pests. Local extension, researchers or IPM specialists should be contacted to discuss rotation of materials to forestall development of resistance in the above pests. This product is toxic to predaceous mites and other predaceous arthropods. Use with caution where integrated pest management principles are in effect.</p>					
Balsam Fir Spruce****in Christmas Tree Plantations, Farm Woodlots, Rights-of-way	G	<b>Spruce Budworm:</b> Spray at larval emergence to cover new growth--Repeat in 3-4 days if needed. Use high rate on trees more than 9 m tall. Use the low rate in mist blowers (5 x concentration), or air blast equipment for smaller trees. Use at least 4 parts water to 1 of LANNATE® Toss-N-Go® Insecticide to minimize fire hazards.	270g - 540g	2	--



CROP METHOD OF APPLICATION A MEANS AIR G MEANS GROUND		INSECTS	RATE PER HECTARE	MAXIMUM NUMBER OF APPLICATIONS PER YEAR	LAST APPLICATION TO HARVEST (DAYS)
<b>Broccoli</b>	G	<b>Cabbage Looper</b> <b>Imported Cabbage Worm</b> <b>Diamond Back Moth</b>	270g - 540g	3	7
<b>Cauliflower</b>				3	1
<b>Brussels Sprouts</b>	G	<b>Cabbage Looper, Imported Cabbage Worm, Diamond Back Moth</b>	270g - 540g	3	7
		<b>Slugs</b> (larvae of grey garden slug): Apply one application with ground equipment, and use sufficient water volumes to obtain good coverage. Make application late in the evening.	775 g	1	30
<b>Canola**</b>	A,G	<b>Alfalfa Looper, Bertha Armyworm, Beet Webworm, Clover Cutworm</b>	216g-510g	1	8
<b>Flax**</b>	A,G	<b>Bertha Armyworm</b>	220g-270g	1	8
<b>Lettuce (field)</b>	G	<b>Cabbage Looper, Beet Armyworm</b>	510g – 1kg	3	7
<b>Peas</b>	G	<b>Alfalfa Looper, Pea Aphid</b>	510g	1	1
<b>Potatoes</b>	G	<b>Leafhoppers, Fleabeetles, Aphids</b>	540g	1	3
		<b>Varigated Cutworm</b>	270g-540g		
<b>Snap Beans</b>	G	<b>European Corn Borer</b>	550g	1	7
<b>Sweet Corn</b>	G	<b>Corn Earworm:</b> Apply 3 sprays at 2-4 day intervals, beginning when 25% of the ears show silk. Direct spray on the silks.	430-625g	3	3

CROP METHOD OF APPLICATION A MEANS AIR G MEANS GROUND	INSECTS	RATE PER HECTARE	MAXIMUM NUMBER OF APPLICATIONS PER YEAR	LAST APPLICATION TO HARVEST (DAYS)	
Sweet Corn	<p><b>European Corn Borer:</b> Apply at 5-day intervals when egg masses begin to hatch, but no later than when the first feeding damage is seen on leaves. Sprays should be directed into the whorl of the plant. After tassels appear, direct spray at the ear zone. In areas where the second-generation borers may be a problem, late plantings should be treated before tassels are visible. Repeat at 5 day intervals until the early silk stage.</p>	625g	3	3	
	<p><b>Aphids:</b> Apply up to 3 applications of LANNATE® Toss-N-Go® Insecticide (usually during hot weather) at 5 day intervals in sufficient water to obtain good coverage.</p>	430g-620g			
Tobacco***	G	<p><b>Tomato Hornworm</b> <b>Aphids</b> - (use drop pipes and 3 to 5 nozzles for under leaf coverage)</p>	540g	1	--
Tomatoes	G	<p><b>Tomato Fruit Worm, Aphids, Variegated Cutworm</b></p>	270g-540g	2	1
Wheat, Oats**, Barley	A,G	<p><b>Common Armyworm</b></p>	270g-540g	2	20
		<p><b>Thrips</b></p>	300g		

- \* Do not apply to Early MacIntosh, Wealthy or Summer Glo Apple varieties. Do not graze livestock in orchard for 10 days after treatment.
- \*\* Pilot should not assist in the mixing and loading operations. Apply a minimum of 22.5 L water per ha.
- \*\*\* LANNATE ® Toss-N-Go® Insecticide may be applied with a sucker control agent. Use on limited acreage until safety to crop is determined.
- \*\*\*\* Consult Canadian or Provincial Forestry Service for timing and spray concentrations.

The following must be observed by workers re-entering the treated areas for these crops.

Crop	Activity	REI (Days)
Broccoli, Cabbage, Cauliflower	Hand pruning, hand harvest	2
Lettuce	Hand harvest, hand pruning, thinning	1
Sweet Corn	Hand detasseling	18
Apples	Thinning	5

For those crops not specified above, the minimum REI is 12 hours.

Do not enter or allow worker entry into the treated area during the restricted-entry interval (REI) as listed above.

**NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS;**

The DIRECTIONS FOR USE for this product for the uses described below were developed by persons other than the E. I. du Pont Canada Company and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. The E. I du Pont Canada Company itself makes no representation or warranty with respect to performance (efficacy) or crop tolerance (phytotoxicity) claims for this product when used on the crop(s) listed below. Accordingly, the buyer and user assume all risks related to performance and crop tolerance, and agree to hold the E. I. du Pont Canada Company harmless from any claims based on efficacy or phytotoxicity in connection with these uses described below.

**FOR CONTROL OF BROWN MARMORATED STINK BUG IN APPLES AND SUPPRESSION OF BROWN MARMORATED STINK BUG IN PEAS, WHEAT, OATS, BARLEY, SNAP BEANS, SWEET CORN AND TOMATOES**

Crop/ Method of application G - Ground A - Air	Insect	Rate Per Hectare	Max Number of applications per year	Last Application to Harvest (Days)
Apples*	Brown marmorate d stink bug	2100 g	1	8
Peas		510 g	1	1
Wheat**		540 g	2	20
Oats**		540 g	2	20
Barley**		540 g	2	20
Snap Beans		550 g	1	7
Sweet Corn		625 g	3	3
Tomatoes		540 g	2	1

Apply when insects first appear. Continue applications at 5-7 day intervals if monitoring indicates the need.

- \* Do not apply to Early MacIntosh, Wealthy or Summer Glo Apple varieties. Do not graze livestock in orchard for 10 days after treatment.
- \*\* Pilot should not assist in the mixing and loading operations. Apply a minimum of 22.5 L water per ha.

The following must be observed by workers re-entering the treated areas for these crops.

Crop	Activity	REI (Days)
Sweet Corn	Hand detasseling	18
Apples	Thinning	5

For those crops not specified above, the minimum REI is 12 hours.

Do not enter or allow worker entry into the treated area during the restricted-entry interval (REI) as listed above.

**DO NOT** apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) or to estuarine/marine habitats.

**DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Field sprayer application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) fine classification. Boom height must be 60 cm or less above the crop or ground.

Airblast application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. **DO NOT** apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

Aerial application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply when wind speed is greater than 16 km/h at flying height at the site of application. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) fine classification.

To reduce drift caused by turbulent wingtip vortices, the nozzle distribution along the spray boom length **MUST NOT** exceed 65% of the wing- or rotorspan.

**Buffer zones:**

Use of the following spray methods or equipment **DO NOT** require a buffer zone: hand-held or backpack sprayer and spot treatment.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of Application	Buffer Zones (metres) required for the protection of aquatic habitats
Field sprayer	10
Aerial: Fixed wing and rotary	30

## PRECAUTIONS:

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- ◆ Do not breathe dust or spray mist.
- ◆ Do not get in eyes, on skin, or on clothing.
- ◆ Do not sell water-soluble bags separately.
- ◆ Do not puncture water soluble packets for any reason.
- ◆ Wear clean clothes daily.
- ◆ Wash thoroughly after handling and before eating or smoking.
- ◆ Do not apply this product in such a manner as to directly or through drift expose workers, other persons or animals. The area being treated must be vacated by unprotected persons.
- ◆ Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no instructions are available, wash PPE using detergent and hot water. Keep and wash PPE separately from other laundry.
- ◆ Discard clothing or other materials that have been drenched or heavily contaminated with this product. Do not reuse them.
- ◆ Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- ◆ Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- ◆ Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
- ◆ Wear coveralls over long sleeved shirt and long pants, chemical resistant gloves, socks, chemical resistant footwear, goggles or face shield, and either a respirator with a NIOSH/MSHA/MHSE approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH/MSHA/BHSE approved canister approved for pesticides during mixing, loading, application, clean up and repair.

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**If swallowed**, call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**If inhaled**, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

**If on skin or clothing**, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

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Do not use 2-PAM for exposure to LANNATE® Toss-N-Go® Insecticide alone. However, for exposure to combinations of LANNATE® Toss-N-Go® Insecticide and organophosphorous insecticides, 2-PAM may be used as required to supplement the atropine sulphate treatment. Do not use morphine.

For medical emergencies call 1-800-441-3637 (24 hours).

## ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Keep out of any body of water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favour drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes.

This product is toxic to bees exposed to direct application. Do not apply this product when bees are actively visiting the treatment area. Time applications to coincide with periods of minimum bee activity.

Toxic to aquatic organisms.

Toxic to birds and small wild mammals.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sandy soil) and/or the depth to the water table is shallow.

Toxic to bees exposed to direct treatment, drift, or residues on flowering crops or weeds.

**DO NOT** apply this product to flowering crops if bees are visiting the treatment area. Minimize spray drift to reduce harmful effects on bees in habitats close to the application site.

Toxic to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application site such as hedgerows and woodland.

Observe buffer zones specified under **DIRECTIONS FOR USE**.

## **RESISTANCE-MANAGEMENT RECOMMENDATIONS**

For resistance management, please note that LANNATE® Toss-N-Go® Insecticide contains a Group 1A Insecticide. Any insect population may contain individuals naturally resistant to LANNATE® Toss-N-Go® Insecticide and other Group 1A insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance:

- ◆ Where possible, rotate the use of LANNATE® Toss-N-Go® Insecticide or other Group 1A insecticides with different insecticide groups that control the same pests in a field.
- ◆ Use tank mixtures with insecticides from a different group when such use is permitted
- ◆ Insecticide use should be based on an IPM program that includes scouting, record keeping, and considers cultural, biological and other chemical control practices.
- ◆ Monitor treated pest populations for resistance development.
- ◆ Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific site and pest problems in your area.
- ◆ For further information or to report suspected resistance, contact your local DuPont representative or the DuPont hotline at 1-800-667-3925 for further information.

## **STORAGE:**

Do not subject to temperatures below 0 degrees C. Store product in original container only, away from other pesticides, fertilizer, food or feed. Not for use or storage in or around the home.

## **DISPOSAL:**

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty outer container unsuitable for further use.
3. Dispose of the empty container in accordance with provincial requirements.
4. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

Purchase of this material does not confer any rights under patents of countries outside Canada.

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Water soluble Package Label

GROUP	1A	INSECTICIDE
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LANNATE® Toss-N-Go® INSECTICIDE

Soluble Powder

RESTRICTED

READ THE LABEL AND BOOKLET BEFORE USING

GUARANTEE: Methomyl 90%

REGISTRATION NO. 10868 PEST CONTROL PRODUCTS ACT

NET CONTENTS 225g (1 x 225g water soluble bag)

DANGER



POISON

KEEP OUT OF REACH OF CHILDREN.

E.I. DU PONT CANADA COMPANY  
AGRICULTURAL PRODUCTS  
P.O. Box 2300, Streetsville  
Mississauga, Ont. L5M 2J4  
1-800-667-3925

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

**NATURE OF RESTRICTION:** This product is to be stored or displayed separate from food or feed.

**PRECAUTIONS:**

- ◆ KEEP OUT OF REACH OF CHILDREN
- ◆ Fatal or poisonous if swallowed or absorbed through the eyes. May be fatal if inhaled
- ◆ Do not breathe dust or spray mist.
- ◆ Do not get in eyes, on skin, or on clothing.
- ◆ Do not sell water-soluble bags separately.
- ◆ Do not puncture water soluble packets for any reason.
- ◆
- ◆ Wear clean clothes daily.
- ◆ Wash thoroughly after handling and before eating or smoking.

- ◆ Do not apply this product in such a manner as to directly or through drift expose workers, other persons or animals. The area being treated must be vacated by unprotected persons.
- ◆ Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no instructions are available, wash PPE using detergent and hot water. Keep and wash PPE separately from other laundry.
- ◆ Discard clothing or other materials that have been drenched or heavily contaminated with this product. Do not reuse them.
- ◆ Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- ◆ Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- ◆ Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
- ◆ Wear coveralls over long sleeved shirt and long pants, chemical resistant gloves, socks, chemical resistant footwear, goggles or face shield, and either a respirator with a NIOSH/MSHA/MHSE approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH/MSHA/BHSE approved canister approved for pesticides during mixing, loading, application, clean up and repair.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's website at [www.croplife.ca](http://www.croplife.ca).

#### **FIRST AID:**

**If in eyes**, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

**If swallowed**, call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**If inhaled**, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

**If on skin or clothing**, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

For medical emergencies call 1-800-441-3637 (24 hours).

#### **TOXICOLOGICAL INFORMATION**

**ATROPINE IS AN ANTIDOTE - SEEK MEDICAL ATTENTION AT ONCE IN ALL CASES OF SUSPECTED POISONING.**

Methomyl is a carbamate which is a cholinesterase inhibitor. Typical symptoms of overexposure to cholinesterase inhibitors include malaise, muscle weakness, dizziness and sweating. Headache,

salivation, nausea, vomiting, abdominal pain and diarrhea are often prominent. A life-threatening poisoning is signified by loss of consciousness, incontinence, convulsions and respiratory depression with a secondary cardiovascular component. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate degree of exposure (baseline data are useful). However, if a blood sample is taken several hours after exposure, it is unlikely that blood cholinesterase activities will be depressed, due to rapid reactivation of cholinesterase. Atropine, only by injection, is the preferable antidote. Do not use pralidoxime. In cases of severe acute poisoning, use antidotes immediately after establishing an open airway and respiration. With oral exposure, the decision of whether to induce vomiting or not should be made by an attending physician.

**WARNING SYMPTOMS** -- Methomyl poisoning produces effects associated with anticholinesterase activity which may include weakness, blurred vision, headache, nausea, abdominal cramps, discomfort in the chest, constriction of pupils, sweating, slow pulse, muscle tremors.

**TREATMENT** -- Atropine sulphate should be used for treatment. Administer repeated doses, 1.2 to 2.0 mg intravenously every 10 to 30 minutes until full atropinization is achieved. Maintain atropinization until the patient recovers. Artificial respiration or oxygen may be necessary. Allow no further exposure to any cholinesterase inhibitor until recovery is assured.

Do not use 2-PAM for exposure to LANNATE ® Toss-N-Go® Insecticide alone. However, for exposure to combinations of LANNATE ® Toss-N-Go® Insecticide and organophosphorous insecticides, 2-PAM may be used as required to supplement the atropine sulphate treatment. Do not use morphine.

For medical emergencies call 1-800-441-3637 (24 hours).

**ENVIRONMENTAL HAZARDS:**

This product is toxic to fish, birds and other wildlife. Keep out of any body of water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favour drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes.

This product is toxic to bees exposed to direct application. Do not apply this product when bees are actively visiting the treatment area. Time applications to coincide with periods of minimum bee activity.

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This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.