352-384

DuPontTM

/22/2001

Page 17 18

QUPOND:

OCT 22 2001
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
Registered under
EPA Reg. No. 352-384

Lannate[®] LV

insecticide



"...... A Growing Partnership With Nature"

DUPONT™ LANNATE® LV HIGHLIGHTS

- LANNATE® LV insecticide is a water soluble liquid containing 2.4 lbs active ingredient per gallon.
- LANNATE® LV is a broad spectrum insecticide registered in a wide range of field, fruit and vegetable crops.
- LANNATE® LV is particularly active on many Lepidopterous pests as an ovicide, larvicide and adulticide.
- LANNATE® LV is primarily a contact insecticide giving rapid knockdown effects on insects. LANNATE® LV also provides short term effects from the ingestion of treated foliage.
- LANNATE® LV's short residual on treated crops allows for short preharvest intervals.
- Consult label text for complete instructions.
 Always read and follow label directions for use.

TABLE OF CONTENTS

| Pa | age |
|----------------------------------|-----|
| Statement of Practical Treatment | .1 |
| Precautionary Statements 1 | -2 |
| Directions For Use | 2 |
| Agricultural Use Requirements | 3 |
| General Information | 3 |
| Scouting | .3 |
| Insect Predators | .3 |
| Resistance | .3 |
| Compatibility | .3 |
| Integrated Pest Management | .3 |
| Spray Preparation | .3 |
| Application | .3 |
| Spray Drift Management | 4 |
| Crop/Rate Tables 6 - | 15 |
| Storage and Disposal | 16 |
| Notice of Warranty | 16 |

RESTRICTED USE PESTICIDE

Due to High Acute Toxicity to Humans.

For retail sale and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification. Direct supervision for this product requires the certified applicator to review federal and supplemental label instructions with all personnel prior to application, mixing, loading, or repair or cleaning of application equipment.



DuPont[™] Lannate[®] LV

insecticide

Water Soluble Liquid

Contains 2.4 lbs active ingredient per gallon.

| Active Ingredient | By Weight |
|--------------------------------|-----------|
| Methomyl | |
| (S-methyl-N-[(methylcarbamoyl) | |
| oxy]thioacetimidate) | 29% |
| Inert Ingredients | 71% |
| TOTAL | 100% |

EPA Reg. No. 352-384

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO



POISON

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

FIRST AID

This Product is an N-Methyl Carbamate insecticide.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

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 center or doctor for treatment advice. 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 center 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 center or doctor for further treatment advice.

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

If warning symptoms appear (see WARNING SYMPTOMS), get medical attention.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-441-3637 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER! CONTAINS METHANOL. - FATAL IF SWALLOWED. MAY CAUSE BLINDNESS IF SWALLOWED. MAY BE FATAL IF INHALED OR ABSORBED THROUGH EYES. CAUSES IRREVERSIBLE EYE DAMAGE.

Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Pilot should not assist in the mixing and loading operation.

("PRECAUTIONARY STATEMENTS" Continued on next page)

PRECAUTIONARY STATEMENTS (continued) HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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. If warning symptoms appear, refer to Statement of Practical Treatment on front panel of DuPont™ LANNATE® LV label and seek medical attention at once."

NOTE TO PHYSICIAN

TREATMENT — Atropine sulfate 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® LV alone. However, for exposure to combinations of LANNATE® LV and organophosphorous insecticides, 2-PAM may be used as required to supplement the atropine sulfate treatment. Do not use morphine.

For medical emergencies involving this product, call toll free 1-800-441-3637.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category B on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

Long-sleeved shirt and long pants.

Chemical-resistant gloves, such as barrier laminate or butyl rubber.

Shoes plus socks.

Protective eyewear.

For exposures in enclosed areas, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or NIOSH approved respirator with an organic vapor (OV) cartridge or a canister with any R, P, or HE prefilter.

For exposures outdoors, Dust/mist filtering respirator

For exposures outdoors, Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any R, P, or HE prefilter.

Cleaners and repairers of application equipment must wear:

Long-sleeved shirt and long pants.

Chemical resistant gloves.

Chemical resistant footwear.

Protective eyewear.

Respirator as outlined above.

Chemical resistant apron.

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROL STATEMENTS

Human flaggers must be in enclosed cabs.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR part 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

The enclosed cabs must be used in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR part 170.240 (d)(4-6)]. The handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

USERS SHOULD: 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 personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, and mammals. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean highwater mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

This chemical is known to leach through soil into groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

This chemical can contaminate surface water through spray drift. Under some conditions, it may also have a high potential for runoff into surface water for several days to weeks after application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlaying extremely shallow groundwater, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas overlaying tile drainage systems that drain to surface water.

PHYSICAL AND CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame. Keep container closed. Use with adequate ventilation.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment(PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI).

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

Coveralls.

Chemical-resistant gloves, such as barrier laminate or butyl rubber.

Shoes plus socks.

Protective eyewear.

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

Notify workers of the application to grapes by warning them orally <u>and</u> by posting warning signs at entrances to treated areas.

Do not apply this product through any type of irrigation system.

Do not formulate this product into other End-use products without written permission.

DuPontTM LANNATE® LV insecticide should be used only in accordance with recommendations on this label, or in separate published DuPont recommendations available through local dealers.

DuPont will not be responsible for losses or damages resulting from use of this product in any manner not specifically recommended by DuPont, User assumes all risks associated with such non-recommended use. LANNATE® LV is a water soluble liquid to be diluted with water for application by mechanical ground or air equipment only. Do not apply by ground equipment within 25 feet, or by air within 100 feet of lakes, reservoirs, rivers, estuaries, commercial fish ponds and natural, permanent streams, marshes or natural, permanent ponds. Increase the buffer zone to 450 feet from the above aquatic areas when ultra low volume application is made. Hand-held equipment is prohibited for applications to crops. This product must be applied to crops only with mechanical ground or aerial application equipment. Pilot should not assist in the mixing and loading operation. Use only in commercial and farm plantings. Not for use in home plantings. Not for use during any period after a commercial crop site is opened for public entry as a "U-Pick", "Pick Your Own" or similar operation; in no case shall preharvest applications be made after first public entry. The restricted entry interval stated elsewhere on this label must be followed.

GENERAL INFORMATION

Scouting — Monitor insect populations to determine whether or not there is a need for application of LANNATE® LV based on locally determined economic thresholds. More than one treatment of LANNATE® LV may be required to control a population of pests.

Insect Predators — LANNATE® LV at rates of 2/5 to 3/4 pt. per acre helps conserve certain beneficials, including bigeyed bugs, damsel bugs, flower bugs and spiders in cotton and soybeans. While these beneficials cannot be relied upon to control pests, they are of potential value and should be monitored along with pests in pest management programs on these crops.

Resistance — Some insects are known to develop resistance to products used repeatedly for control. When this occurs, the recommended dosages fail to suppress the pest population below the economic threshold. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. These strategies may include incorporation of cultural and biological control practices, alteration of active classes of insecticides on succeeding generations and targeting the most susceptible life stage. Consult your local agricultural authorities for details.

Compatibility — Since formulations may be changed and new ones introduced, it is recommended that users premix a small quantity of a desired tank mix and observe for possible adverse changes (settling out, flocculation, etc.). Avoid mixtures of several materials and very concentrated spray mixtures.

Do not use LANNATE® LV with Bordeaux mixture, "Du Ter" (triphenyltin hydroxide), lime sulfur, "Rayplex" iron nor in highly alkaline solutions. Use mildly alkaline mixtures immediately after mixing to prevent loss of insecticidal activity.

INTEGRATED PEST MANAGEMENT

This product should be used as part of an Integrated Pest Management (IPM) program which can include biological, cultural, and genetic practices aimed at preventing economic pest damage. Application of this product should be based on IPM principles and practices including field scouting or other detection methods, correct target pest identification, population monitoring, and treating when target pest populations reach locally determined action thresholds. Consult your state cooperative extension service, professional consultants or other qualified authorities to determine appropriate action treatment threshold levels for treating specific pest/crop systems in your area.

SPRAY PREPARATION

Spray equipment must be clean and free of previous pesticide deposits before applying LANNATE® LV.

Fill spray tank 1/4 to 1/2 full of water. Add LANNATE® LV directly to spray tank. Mix thoroughly. Use mechanical or hydraulic means; do not use air agitation. Spray mix should not be stored overnight in spray tank.

APPLICATION

Apply at the recommended rates when insect populations reach locally determined economic thresholds. Consult the cooperative extension service, professional consultants or other qualified authorities to determine appropriate threshold levels for treatment in your area.

Follow-up treatments of LANNATE® LV should be applied, as needed, to keep pest populations within threshold

limits. On most crops, DuPontTM LANNATE® LV should be applied at 5 to 7 day intervals to maintain control. On the following crops, the minimum interval between treatments is: Sweet corn - 1 day; Broccoli, brussels sprouts, cabbage, cauliflower, lettuce - 2 days; Cotton, peas - 3 days; Apples, bulb onions - 7 days.

Use sufficient water to obtain thorough, uniform coverage. Since LANNATE® LV is a fast acting contact insecticide, best results follow direct spraying of the target insect.

For aerial, use a minimum of 2 gals, per acre (gpa) except 10 gpa for grapes, nectarines and strawberries; 15 gpa for oranges, lemons, grapefruit, tangelos and tangerines.

LANNATE® LV is recommended for use as a low volume aerial spray 0.53 gpa (2L) for cotton* and soybeans* and 1 gpa for the crops listed below providing the following conditions are met:

- equipment is adjusted to distribute spray uniformly over the spray swath,
- wind conditions and other factors such as temperature and humidity are such that the spray is delivered to the target area,
- local regulations do not prohibit low-volume aerial sprays,
- use rates are applied as directed on the package label or supplemental labeling for the following crops:

| Alfalfa | Celery | Peas (succulent) |
|------------------|----------|------------------|
| Anise | Collards | Peppermint |
| Asparagus | Corn | Peppers |
| Barley | Cotton | Potato |
| Beans | Cucumber | Rye |
| Broccoli | Lettuce | Soybean |
| Brussels sprouts | Melons | Spinach |
| Cabbage | Mint | Sugar beet |
| Carrot | Oats | Summer Squash |
| Cauliflower | Peanuts | Wheat |

Apply the low rates on small plants, small insects and light infestations of insects. Use intermediate rates on large insects and heavier infestations of insects. Use 1 to 3 applications of the highest recommended rate for controlling severe infestations. Thereafter, use the lowest rate possible to maintain control.

 Not Registered for aerial application in a diluted volume of less than I gal in CA.

SPRAY DRIFT MANAGEMENT

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions. The following drift management requirements must be followed to avoid off-target drift movement from aerial applications to agricultural field crops. These requirements do not apply to forestry applications, public health uses or to applications using dry formulations.

- 1. The distance of the outer most nozzles on the boom must not exceed 3/4 the length of the wingspan or rotor.
- Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees.

Where states have more stringent regulations, they should be observed.

The applicator should be familiar with and take into account the information covered in the <u>Aerial Drift Reduction</u> <u>Advisory Information</u>.

AERIAL DRIFT REDUCTION ADVISORY INFORMATION

Importance of Droplet Size

The most effective way to reduce drift potential is to apply large droplets (>150 - 200 microns). The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. The presence of sensitive species nearby, the environmental conditions, and pest pressure may affect how an applicator balances drift control and coverage. APPLYING LARGER DROPLETS REDUCES DRIFT POTENTIAL, BUT WILL NOT PREVENT DRIFT IF APPLICATIONS ARE MADE IMPROPERLY OR UNDER UNFAVORABLE ENVIRONMENTAL CONDITIONS! See Wind, Temperature and Humidity, and Temperature Inversions sections of this label.

Controlling Droplet Size - General Techniques

- Volume Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- Pressure Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHER-CAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE.
- Nozzle Type Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using lowdrift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.

Controlling Droplet Size - Aircraft

- Number of Nozzles Use the minimum number of nozzles with the highest flow rate that provide uniform coverage.
- Nozzle Orientation Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.
- Nozzle Type Solid stream nozzles (such as disc and core with swirl plate removed) oriented straight back produce larger droplets than other nozzle types and the lowest drift.
- Boom Length For some use patterns, reducing the effective boom length to less than 3/4 of the wingspan or rotor length may further reduce drift without reducing swath width.
- Application Height Applications should not be made at a
 height greater than 10 feet above the top of the largest
 plants unless a greater height is required for aircraft safety.
 Making applications at the lowest height that is safe reduces
 exposure of droplets to evaporation and wind.
- Swath Adjustment When applications are made with a crosswind, the swath will be displaced downward.
 Therefore, on the up and downwind edges of the fields, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase, with increasing drift potential (higher wind, smaller drops, etc.)

BOOM HEIGHT

Setting the boom at the lowest labeled height (if specified) which provides uniform coverage reduces the exposure of droplets to evaporation and wind. For ground equipment, the boom should remain level with the crop and have minimal bounce.

WIND

Drift potential is lowest between wind speeds of 2-10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. AVOID GUSTY OR WINDLESS CONDITIONS.

Note: Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

TEMPERATURE AND HUMIDITY

When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

TEMPERATURE INVERSIONS

Applications should not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain close to the ground and move laterally in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

SENSITIVE AREAS

The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, nontarget crops) is minimal (e.g. when wind is blowing away from the sensitive areas).

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce the effects of wind. However, it is the responsibility of the applicator to verify that the shields are preventing drift and not interfering with uniform deposition of the product.

AIR ASSISTED (AIR BLAST) FIELD CROP SPRAYERS

Air assisted field crop sprayers carry droplets to the target via a downward directed air stream. Some may reduce the potential for drift, but if a sprayer is unsuitable for the application and/or set up improperly, high drift potential can result. It is the responsibility of the applicator to determine that a sprayer is suitable for the intended application, is configured properly, and that drift is not occurring.

Note: Air assisted field sprayers can affect product performance by affecting spray coverage and canopy penetration. Consult the application equipment section of this label to determine if use of an air assisted sprayer is recommended.

AIR ASSISTED (AIR BLAST) TREE AND VINE SPRAYERS

Air assisted tree and vine sprayers carry droplets into the canopy of trees and vines via a radially or laterally directed air stream. These sprayers are not suitable for applying herbicides. In addition to the general drift management principles already described, the following specific practices will further reduce the potential for drift.:

- Adjust deflectors and aiming devices so that spray is only directed into the canopy.
- Block off upward pointed nozzles when there is no overhanging canopy.
- Use only enough air volume to penetrate the canopy and provide good coverage.
- Do not allow spray to go beyond the edge of the cultivated area. Spray the outside row only from outside the planting.

| | | Rate | Last Application -Days | | |
|-------------------------------------|---|---|------------------------|---------------------------------|--------|
| Crops | Insects | DuPont™ LANNATE® LV Pts. Per Acre | To Harvest | To Livestock Grazing/Feeding | REI |
| Alfalfa | Pea Aphid Lygus Bugs Blotch Leafminer Aphids Egyptian Alfalfa | 1 1/2-3 | | 7 | 48 hrs |
| | Weevil Larvae Loopers Beet Armyworm | | | | : |
| | Fall Armyworm Alfalfa Weevil Larvae | 1 1/2 | | | |
| | Alfalfa Caterpillar Yellowstriped Armyworm Western Yellowstriped Armyworm | 3/4-1 1/2 | | | |
| | Armyworm Variegated Cutworm | 3/4-3 | | | |
| | Do not apply to dormant or sen Do not apply more than 3.6 lbs Do not make more than 10 app | а.i./acre/crop. | nin. daily temp.is 500 | F.or lower. | |
| Anise (Fennel) | Cabbage Looper Beet Armyworm | 3 11/2-3 | 7 | | 48 hrs |
| | Do not apply more than 4.5 lbs Do not make more than 10 app | a.i./acre/crop. | | | |
| Apple Ground application only | Apple Aphid Rosy Apple Aphid Tufted Apple Budmoth Green Fruitworm Tarnished Plant Bug | 1 1/2-3 * | 14 | 10 | 72 hrs |
| | Codling Moth (10-12 day intervals) Leafrollers | | | | |
| | (Fruittree, Obliquebanded, Redbanded, Variegated) Lesser Appleworm White Apple Leafhopper Tentiform Leafminer Cutworm | 3 * | | | |
| | Do not use on Early Macintosh Do not apply more than 4.5 lbs Do not make more than 5 appli * Apply in a minimum of 50 ga | a.i./acre /crop. cations/crop. | | | |
| Asparagus | Beet Armyworm, Western Yellowstriped Armyworm Asparagus Beetle Spotted Asparagus Beetle White Cutworm Redbacked Cutworm | 1 1/2-3 | i | | 48 hrs |
| | Variegated Cutworm Do not apply more than 4.5 lbs Do not make more than 8 appli | | · | | |
| Avocado | Western Avocado Leafroller Omnivorous Looper | 1 1/2-3 | ı | 10 | 48 hrs |
| | Do not apply more than 0.9 lbs Do not make more than 2 appli | cations/crop. | | | 101 |
| Barley | Armyworms Cereal Leaf Beetle Aphids | 3/4-1 1/2 | 7 | 10 | 48 hrs |
| | Do not apply more than 1.8 lbs Do not make more than 4 appli | | | | |

| | | Rate | Last Application -Days | | _ |
|---|--|---|--|---------------------------------|--------|
| Crops | Insects | DuPont™ LANNATE® LV Pts. Per Acre | To Harvest | To Livestock Grazing/Feeding | REI |
| Beans (Succulent) Including: Kidney beans | Leafhopper Mexican Bean Beetle | 3/4-3 | Succulent Beans 3/4-1 1/2 pt1, over 1 1/2 pt3; | 3 Vines 7 Hay | 48 hrs |
| Lima beans Mung beans | Fall Armyworm Variegated Cutworm | 1 1/2 | | | |
| Navy beans Pinto beans Snap beans Wax Beans Broad beans Fava beans Asparagas beans Blackeyed peas Cowpeas | Beet Armyworm Com Earworm Saltmarsh Caterpillar, Yellowstriped Armyworm Western Yellowstriped Armyworm, Lygus Bugs Thrips Aphids Loopers* European Corn Borer (Ovicide & Larvicide) Initiate when moth flights first appear and-continue preventive treatments at 3-4 day intervals to control eggs and larvae Spotted Cucumber Beetle | 1 1/2-3 3/4-1 1/2 | | | |
| | Succulent Beans - Do not apply more than 4.5 lbs Do not make more than 10 appl * Not recommended in AL & C | ications/crop. | | | |
| Beans (Dry) (Same as | (Same as Succulent Beans) | (Same as Succulent Beans) | 14 * | 14 Vines * 14 Hay * | 48 hrs |
| Succulent Beans) | Do not apply more than 4.5 lbs a.i./acre /crop. Do not make more than 10 application/crop. * Do not apply within 14 days of cutting. | | | | |
| Beets (Table) | Imported Cabbageworm | 3/4-3 | 0 - roots | | 48 hrs |
| | Beet Armyworm Cabbage Looper Diamondback Moth | 1 1/2-3 | 10 - tops | | |
| | Cucumber Beetle Variegated Cutworm | 1 1/2 | | | |
| <u>.</u> | Do not apply more than 3.6lbs a Do not make more than 8 applic | | | | |
| Bermudagrass pasture | Fall Armyworm, Armyworm Striped Grass Looper | 3/4-3 | | 7 Forage 3 Dehydrated Hay | 48 hrs |
| | Do not apply more than 0.9 lbs | | | | |
| Blueberries | Do not make more than 4 applice Blueberry Leafhopper Aphids Tussock Moth Weevil Sharp-Nosed Leafhopper | I 1/2 | 3 | | 48 hrs |
| | Cranberry Fruitworm* Cherry Fruitworm* | 1 1/2-3 | | | |
| | Flea Beetle (larvae) Sawfly (larvae) Blueberry Leafroller | 3 | | | |
| | Do not apply during bloom. Do not apply more than 3.6 lbs Do not make more than 4 applie * For ground use only. | | | I | |

| | | Rate | Last Applic | Last Application -Days | |
|------------------|--|---|-------------|---------------------------------|----------|
| Crops | Insects | DuPont™ LANNATE® LV Pts. Per Acre | To Harvest | To Livestock Grazing/Feeding | REI |
| Broccoli | Loopers | 1 1/2-3** | 3 | | 48 hrs |
| | Diamondback Moth | | | | |
| | Imp. Cabbageworm | 3/4-3** | | | 4 |
| | Do not apply more than 6.3 lb | | | | |
| | Do not make more than 10 ap | | | | |
| D | ** Add a wetting agent to im | | | T | 40.1 |
| Brussels Sprouts | Loopers Imp. Cabbageworm, | 1 1/2-3** | 3 | | 48 hrs |
| | Diamondback Moth | | | | |
| | Variegated Cutworm | 1 1/2** | | | |
| | Do not apply more than 5.4 lb | <u> </u> | | | ┪ |
| | Do not make more than 10 ap | | | | 1 |
| | ** Add a wetting agent to im | • | | | 1 |
| Cabbage | Loopers* | 1 1/2-3** | 1 | | 48 hrs |
| 9 | Diamondback Moth | | - | | |
| | Imp. Cabbageworm | 3/4-3** | | | |
| | Fall Armyworm | 1 1/2** | | | |
| | Variegated Cutworm | | | | 1 |
| | Do not apply more than 7.2 lb | os a.i./acre/crop. | · | | 1 |
| | Do not make more than 15 ap | | | | |
| | * Not recommended in AL & | GA. | | | |
| | ** Add a wetting agent to im | prove coverage | | | 1 |
| Carrot | Beet Armyworm | 1-3 | <u> </u> | | 48 hrs |
| | Aster Leafhopper | 1 1/2-3 | | | |
| | Armyworms | 3/4-1 1/2 | | | |
| | Variegated Cutworm | | | <u> </u> | J |
| | Do not apply more than 6.3 lb | s a.i./acre/crop. | | | 7 |
| | Do not make more than 10 ap | plications/crop. | | | |
| Cauliflower | Imp. Cabbageworm | 3/4-3** | 3 | | 48 hrs |
| | Loopers | 1 1/2-3** | | | |
| | Diamondback Moth | | | | } |
| | Variegated Cutworm | 1 1/2** | | | _] |
| | Do not apply more than 7.2 lb | | | | 1 |
| | Do not make more than 10app | | | | |
| | ** Add a wetting agent to im | | | | <u> </u> |
| Celery | Beet Armyworm | 1 1/2-3 | 7 | 1 | 48 hrs |
| | Aster Leafhopper | | | | |
| | Loopers | 3 | | | ļ |
| | Variegated Cutworm | 1 1/2 | | | |
| | Armyworms | 3/4-1 1/2 | | <u> </u> | 4 |
| | Do not apply more than 7.2 lb | • | | | 1 |
| | Do not make more than 10 ap | | | | 10: |
| Chicory | Beet Armyworm | 1 1/2-3 | 80 | | 48 hrs |
| | Variegated Cutworm | | | | |
| | Leafhoppers | : /2.2.2/27 | | | - |
| | Do not apply more than 1.8 lb | | | | |
| Ohiman Call | Do not make more than 2 app | | 10 | | 48 hrs |
| Chinese Cabbage | Loopers Reat Armanagem | 1 1/2-3* | 10 | | 40 1118 |
| | Beet Armyworm | i la constancia | | | ┪ |
| | Do not apply more than 7.2 ll Do not make more than 10 ap | | | | 1 |
| | т гал погнаке писе шан 10 аг | DHC4HOHS/CIOD, | | | 1 |

| | | Rate | Last Applic | cation -Days | _ |
|------------------------------------|--|--|-------------|---------------------------------|--------|
| Crops | Insects | DuPont TM LANNATE® LV Pts. Per Acre | To Harvest | To Livestock Grazing/Feeding | REI |
| Collards (Fresh market only) | Loopers* Diamondback Moth Variegated Cutworm | I 1/2 | 10 | | 48 hrs |
| | Imported Cabbageworm Beet Armyworm | 1 1/2-3 | | | |
| | Do not apply when temp. is less F.Do not apply when crop is less Do not apply more than 5.4 lbs. Do not make more than 8 applic * Not recommended in AL & C. | s than 10" tall. a.i./acre/crop. ations/crop. | | | |
| Corn (Field & Popcorn) | Earworm, Armyworm Fall Armyworm Corn Rootworm (adult beetles) Flea Beetles Picnic Beetles Aphids | 3/4-1 1/2 | 21 Ears | 3 Forage 21 Fodder | 48 hrs |
| | Variegated Cutworm, Beet Armyworm | l 1/2 | | | |
| | Do not apply more than 2.25 lbs Do not make more than 10 appl | ications/crop. | | | |
| Corn (Sweet) | Fall Armyworm Armyworm Earworm,-(Ovicide/Larvicide) | 1-1 1/2 3/4-1 1/2 | 0 Ears | 3 Forage 21 Stover | 48 hrs |
| | European Corn Borer -Ears 1-3 days or as needed Corn Rootworm (adult beetles) Flea Beetles | | | | |
| | Picnic Beetles Aphids | <u> </u> | | | |
| | Variegated Cutworm Beet Armyworm | 1 1/2 | | | |
| | Certain hybrid varieties of swee Treat a small area to determine Do not apply more than 6.3 lbs Do not make more than 28 appli | crop safety before full s a.i./acre/crop. | | | |
| Cotton U.S | Ovicide/Larvicide - Bollworm, Tobacco Budworm (Initiate schedule when significant numbers of eggs are | 2/5-3/4 (see Predators) | 15 | | 72 hrs |
| | present Continue at 3 to 5-day intervals while eggs are present and larval control is adequate. If significant larvae survive, | | | | - |
| Bu tre | use higher rates below.) Lygus Bugs (adults and nymphs) start treatment on low level population for suppression. | | | | |
| | | 3/4-1 1/2 | | | |
| | Cotton Leafworm Cotton Fleahopper (as needed) | 2/5-3/4 | - | } | 1 |
| East of Rockies only | | 2/5-3/4 3/4 1 1/2 | | | 1447) |

| | | Rate | Last Applic | ation -Days | | |
|-----------------------------|---|--|-------------------------|---------------------------------|----------|--|
| Crops | Insects | DuPont TM LANNATE® LV Pts. Per Acre | To Harvest | To Livestock Grazing/Feeding | REI | |
| Cotton (continued) | (Late Season) | 1 1/2 | 15 | Do not graze or feed | 72 hrs | |
| East of Rockies | Bollworm, Tobacco Budworm, | | | | | |
| only | Beet Armyworm, Cotton | | | | <u> </u> | |
| | Leasperforator, Fall Armyworm, | | | | | |
| | Lygus Bugs (adult and nymphs) | | | | | |
| | up to 3 applications at 3-5 day | | } | | ļ | |
| | intervals after desired boll load | | | | | |
| | set on plants. | 211.0 | - | | | |
| Texas | Cotton Aphid | 3/4-2 | | | | |
| West of Rockies | Larvicide for worms | 1 1/2-2 1/4 | | | | |
| only | Bollworm, Fall Armyworm, | | | | | |
| | Tobacco Budworm, Lygus Bugs | | | | | |
| | Beet Armyworm | 1-1 1/2 | 1 | | | |
| | Cotton Leafperforator | 1-2 1/4 | | | 1 | |
| | Do not apply more than 1.8 lbs | • | | | | |
| | Do not make more than 8 applic | | | | | |
| | Use may redden cotton if excess | sive stop or alternate w | ith other insecticides. | | | |
| Cucumber | Loopers | 1 1/2-3 | 1 1/2 pt1 | | 48 hrs | |
| | Tobacco Budworm | | Over 1 1/2 pt3 | | | |
| | Beet Armyworm, | | - | | | |
| | Yellowstriped Armyworm | | } | } | 1 | |
| , | Granulate Cutworm | | | | 1 | |
| | Flea Beetles | | | | | |
| | Cucumber Beetles | | | | | |
| | Melon Aphid Melonworm | | | | | |
| | Pickleworm | | | | | |
| | Fall Armyworm | 1 1/2 | 1 | | | |
| | Variegated Cutworm | 1 1/2 | | | | |
| | Do not apply more than 5.4 lbs | i lagralaran | <u></u> | <u> </u> | 1 | |
| | Do not make more than 12 appl | - | | | | |
| Faanlant | S - 1 | 3/4-3 | 5 | 1 | 48 hrs | |
| Eggplant | Green Peach Aphid | | 1 1 | | '0 | |
| | Tomato Pinworm (Ground Application Only) | 1 1/2-3 | 1 | | | |
| | Beet Armyworm | | | | | |
| | Corn Earworm | | | | | |
| | | a i /acre/cron | | | 1 | |
| | Do not apply more than 4.5 lbs a.i./acre/crop. Do not make more than 10 applications/crop. | | | | | |
| Endive, Escarole | Beet Armyworm | 1 1/2-3 | 10 | | 48 hrs | |
| Diarre, Escarore | | | | | 1 | |
| | | Do not apply more than 4.5 lbs a.i./acre/crop. Do not make more than 8 applications/crop. | | | | |
| Garlic | Beet Armyworm | 1 1/2** | 7 | | 48 hrs | |
| Garne | Do not apply more than 2.7 lbs | <u> </u> | <u> </u> | .l | 1 | |
| | Do not make more than 6 applie | - | | | | |
| | ** Add a wetting agent to impr | | | | İ | |
| Cronofeuit | · • · · · · · · · · · · · · · · · · · · | 1 1/2-3 | 1 | 10 | 72 hrs | |
| Grapefruit CA, AZ & HI only | Thrips Fruittree Leafroller | 1 1/2-3 | 1 | 10 | 2 1113 | |
| CA, AZ & FILURIY | Orange Tortrix | | | | | |
| | Western Tussock Moth | 1 | | <u> </u> | | |
| | Beet Armyworm | 1 | | | | |
| | Do not apply more than 2.7 lbs | a i /acre/crop | L | | 1 | |
| | Do not apply more than 2.7 los Do not make more than 4 applie | | | | 1 | |

| | | Rate | Last Applica | tion -Days | 1 |
|--|---|--|------------------------------------|-----------------|--|
| Chara | • | DuPont TM LANNATE® LV | | To Livestock | - |
| Crops | Insects | Pts. Per Acre | To Harvest | Grazing/Feeding | REI |
| Grapes East of Rockies only | Grape Berry Moth (apply pre- & post-bloom & repeat at 10-14 day intervals or as needed) Leafhoppers | 1 1/2-3 | 1 Fresh & Raisin 14 Wine Grapes | | 7 days |
| U.S West of Rockies | Omniverous Leafroller, Grape Leaffolder Orange Tortrix | | | | |
| West of Rockies only | Saltmarsh Caterpillar Leafhoppers* | | | | |
| | Climbing Cutworm (Treat infestation and repeat at 7-14 day intervals as needed) | 3 | | | in the state of th |
| | Grape Leaf Skeletonizer* | 1 1/2-3 | | | 1 |
| | Thrips | 1 1/2-3 | <u> </u> | <u> </u> | ļ |
| | Do not apply more than 4.5 lbs Do not make more than 5 applic * Leafhoppers & Grape Leaf Si | eations/crop. | plication Only). | | |
| Horseradish | Aphids | 1 1/2 | 65 | | 48 hrs |
| Ground application only | Thrips | | | | |
| | Do not apply more than 1.8 lbs a.i./acre/crop. Do not make more than 4 applications/crop. | | | | |
| Leafy Green | Beet Armyworm | 1 1/2-3 | 10 | | 48 hrs |
| Vegetables: Beet (tops) Dandelions, Kale, | Cabbage Looper* Diamondback Moth Imported Cabbageworm | | | | 1 |
| Mustard Greens, Parsley, Swiss Chard, Turnip Greens | Do not apply more than 3.6lbs a Do not make more than 8 applic * Not recommended in AL & C | cations/crop. | | | |
| Lemon CA, AZ & HI only | Thrips Western Tussock Moth Orange Tortrix Beet Armyworm | 1 1/2-3 | 1 | 10 | 72 hrs |
| | Do not apply more than 2.7 lbs Do not make more than 4 applic | a,i./acre/crop. cations/crop. | | | |
| Lentils | Western Yellowstriped Armyworm | 1 1/2-3 | 21 | | 48 hrs |
| | Do not apply more than 0.9 lbs Do not make more than 2 applie | | | | |
| Lettuce | Alfalfa Looper | 3/4-3 | 3/4-1 1/2 pt7 | <u> </u> | 48 hrs |
| Lettuce (head varieties and Leaf varieties) | Thrips Aphids Beet Armyworm Cabbage Looper Corn Earworm | 1 1/2-3 | over 1 1/2 pt10 | | |
| | Aster Leafhopper Variegated Cutworm | 1 1/2 | | | |
| | Lettuce(head varieties) Do not apply more than 7.2 lbs Do not make more than 15 appl Lettuce(leaf varieties) Do not apply more than 3.6 lbs Do not make more than 8 applies | a.i./acre/crop. ications/crop. a.i./acre/crop. | J. | <u></u> | |

| | | Rate | Last Applica | ition -Days | |
|--|--|---|---|---------------------------------|---------|
| Crops | Insects | DuPont TM LANNATE® LV Pts. Per Acre | To Harvest | To Livestock Grazing/Feeding | REI |
| Melons Including: Canteloupe Casaba Santa Claus melon Crenshaw melon Honeydew melon Honey balls Persian melon Golden Pershaw | Loopers Tobacco Budworm Beet Armyworm Yellowstriped Armyworm Granulate Cutworm Flea Beetles Cucumber Beetles Melon Aphid Melonworm Pickleworm | 1 1/2-3 | i 1/2 pt1 day over I 1/2 pt. 3 days | | 48 hrs |
| melon Mango melon Pineapple melon | Fall Armyworm Variegated Cutworm Do not apply more than 5.4 lbs | 1 1/2 a.i./acre/crop. | WR 7 1 | | |
| Snake melon Watermelon Mint | Do not make more than 12 appl Variegated Cutworm | acations/crop. | | 7 | 48 hrs |
| (Peppermint, Spearmint) | Alfalfa Looper Flea Beetles Do not apply more than 1.8 lbs | 2 1/4-3 a.i./acre/crop. | | | |
| | Do not make more than 4 appli | | | T | 1 70 1 |
| Nectarine CA & AZ only | Thrips Do not apply more than 2.7 lbs Do not make more than 3 applie | cations/crop. | 1 | 10 | 72 hrs |
| Oats | Armyworms Cereal Leaf Beetle Aphids Do not apply more than 1.8 lbs | | 7 | 10 | 48 hrs |
| Onions | Do not make more than 4 appliage Beet Armyworm | 1 1/2-3** | 7 Green and | · | 48 hrs |
| (Green & Dry Bulb) | Thrips Variegated Cutworm Black Cutworm | 3** | Dry Onions | | 10 1113 |
| | Onions, green Do not apply more than 5.4 lbs Do not make more than 8 appli Onions, dry bulb Do not apply more than 3.6lbs i Do not make more than 8 appli ** Add a wetting agent to impi | cations/crop. a.i./acre/crop. cations/crop. | | | |
| Oranges CA, AZ & HI only | Thrips Western Tussock Moth Orange Tortrix Fruittree Leafroller Beet Armyworm Citrus Cutworm | 1 1/2-3 | 1 | 10 | 72 hrs |
| | Do not apply more than 2.7 lbs Do not make more than 4 appli | a.i./acre/crop. | | | |
| Peaches | Catfacing Insects (Plant Bugs and Stink Bugs) - begin at petal fall and continue in cover sprays at 7-to 10-day intervals Oriental Fruit Moth* -begin at petalfall; use trapping devices and frequent field inspection to determine need for treatment Continue treatment in cover sprays and alternate with residual-type insecticides registered for this use. Green Peach Aphid | 3 pt (or 3/4 pt per 100 gal up to 400 gal per acre) | 4 | 10 | 4 days |
| | use. | cations/crop. | | _ | |

| | | Rate | Last Application -Days | | |
|---------------------------|---|-----------------------------|------------------------|---------------------------------|------------------|
| | | DuPont TM | | <u> </u> | 1 |
| Crops | Insects | LANNATE® LV Pts. Per Acre | To Harvest | To Livestock Grazing/Feeding | REI |
| Peanuts | Corn Earworm* | 3/4-3 | 21 | Do not feed | 48 hrs |
| | Potato Leafhopper | | | treated vines | 1 |
| | Fall Armyworm | 3/4-1 1/2 | | |] |
| | Beet Armyworm | 1 1/4-3 | | | |
| | Green Cloverworm Velvetbean Caterpillar | 1 1/2-3 | | | 1 |
| | Cabbage Looper | | | | |
| | Soybean Looper ** |] | | |) |
| | Thrips | | | | |
| | Granulate Cutworm | | | | ╛ |
| | Do not apply more than 3.6 lbs | a.i./acre/crop. | | | 7 |
| | Do not make more than 8 appli | cations/crop. | | |) |
| | * LANNATE® LV has ovicida **Soybean Looper is difficult t | l and larvicidal control or | corn carworm. | 1/2" long Ties higher | |
| | rate for severe infestations | o control. Do not apply to | o worms greater man | 1/2 long. Use inglier | 1 |
| Pears | Green Fruitworm | 1 1/2-3 * | 7 | 10 | 48 hrs |
| Northeast only | Obliquebanded |] | , | 1 | 10111. |
| NOTHICAST OTHY | Leafroller | 1 | | | |
| | Do not apply more than 1.8 lbs | a.i./acre/стор. | | | 7 |
| | Do not make more than 2 appli | cations/crop. | | | |
| | * Apply in a minimum of 50 g | | | | |
| Peas (succulent) | Armyworm | 3/4-1 1/2 | 1 | 5 Forage | 48 hrs |
| Including: | Green Cloverworm | | | 14 Hay | |
| Pigeon peas Chick peas | Alfalfa Looper Cabbage Looper* | 1 1/2-3 | | | 1 |
| Garbanzo beans | Pea Aphid | ļ | | | |
| Dwarf peas | Beet Armyworm | | | 1 | 1 |
| Garden peas | Saltmarsh Caterpillar | | | | 1 |
| Green peas | Variegated Cutworm | <u> </u> | | | |
| English Peas | Alfalfa Caterpillar | 3/4-3 | | | |
| Field peas | Do not apply more than 2.7 lbs | | | | 7 |
| Edible pod peas | Do not make more than 6 applications/crop. | | | | |
| | * Not recommended in AL & | <u> </u> | | | 12. |
| Pecans Southeast only | Aphids | 1 1/2-3 | 30 | 10 | 48 hrs |
| Southeast only | Do not well as a few 6.2 lbs | 1 | | | |
| | Do not apply more than 6.3 lbs Do not make more than 7 appli | | | | 1 |
| Peppers | Fall Armyworm | 1 1/2 | 3 | 1 | 48 hrs |
| Including: |) | 1 1/2 | 3 | | 170 1113 |
| Bell | 1 | 1 | | 1 | 1 |
| Hot | 1 | | | | 1 |
| Pimentos | Loopers, | 1 1/2-3 | | | 1 |
| Sweet | Beet Armyworm, | | | | 1 |
| | Green Peach Aphid | | | 1 | 1 |
| | Armyworm | 3/4-1 1/2 | | | |
| | Variegated Cutworm | | | | 1 |
| | European Corn Borer | 3 | | | 4 |
| | Do not apply more than 4.5 lbs Do not make more than 10 app | | | | i |
| Pomegranates | Omniverous Leafroller | 3 | 14 | | 48 hrs |
| r omegi anates | Do not apply more than 1.8 lbs | | 17 | | - ⁻⁰ |
| | Do not make more than 2 appli | | | | 1 |
| Potato | Tuberworm | 1 1/2-3 | 6 | 1 | 48 hrs |
| | Loopers | | V | | 1 |
| | Aphids | | | | 1 |
| | Beet Armyworm | | | | |
| | Leafhoppers | | | 1 | 1 |
| | | | | 1 | 1 |
| | Variegated Cutworm | 1 1/2 | | 1 | 1 |
| | Fall Armyworm | 1 1/2 | | 1 | |
| | | | | | _ |

| | | Rate | Last Applicat | ion -Days | | |
|---------------------------|--|--|---------------------|---------------------------------|----------|--|
| Crops | Insects | DuPont™ LANNATE® LV Pts. Per Acre | To Harvest | To Livestock Grazing/Feeding | REI | |
| Rye | Armyworms Cereal Leaf Beetle Aphids | 3/4-1 1/2 | 7 | 10 | 48 hrs | |
| | Do not apply more than 1.8 lbs and Do not make more than 4 applications. | | | | 1 | |
| Sorghum | Sorghum Webworm | 1 1/2* | 14 | 14 | 48 hrs | |
| (except Sweet Sorghum) | Sorghum MidgeApply when 50% bloom and 3-5 days later if needed. Fall Armyworm (Budworm) Beet Armyworm Corn Earworm | 3/4-1 1/2* | | | | |
| | Armyworm Do not apply more than 0.9 lbs Do not make more than 2 applic | ation/crop. | | | <u> </u> | |
| <u> </u> | * Minimum of 10 gallons per a | | | 2.5 | 101 | |
| Soybeans | Green Cloverworm Velvet-bean Caterpillar Mexican Bean Beetle Corn Earworm Light to moderate infestations | 2/5-3/4 (see Predators) | 14 | 3 Forage 12 Hay | 48 hrs | |
| | Moderate to severe infestations | 3/4-1 1/2 | | | | |
| | Beet Armyworm Salt Marsh Caterpillar Bean Leaf Beetle Fall Armyworm Thrips Silver Spotted Skipper Light to moderate infestations | 3/4-1 | | | | |
| | Moderate to severe infestations | 1-1 1/2 | | | | |
| | Do not apply more than 1.35 lbs a,i,/acre/crop. Do not make more than 3 applications/crop. | | | | | |
| Spinach | Alfalfa Loopers Cabbage Looper Beet Armyworm | 1 1/2-3 | 7 | | 48 hrs | |
| | Fall Armyworm, Variegated Cutworm | 1 1/2 | | | | |
| | Do not apply to seedlings less the | Do not apply when min. daily temp. is 32° F. or lower. Do not apply to seedlings less than 3" diameter. Do not apply more than 3.6 lbs a.i./acre/crop. | | | | |
| Strawberry | Beet Armyworm | 1 1/2-3 | 3-Fresh Fruit | | 48 hrs | |
| • | Thrips Aphids | | 10-Processing Fruit | | | |
| | Lygus Bugs Omnivorous Leaf Tiers Armyworms | 2 1/4-3 | | | | |
| | Do not apply more than 4.5 lbs Do not make more than 10 appl | a,i./aere/crop | 114,444,444 | | | |
| Sugar Beet | Beet Webworm Flea Beetles Carrion Beetles Beet Armyworm Aphids Western Yellowstriped Armyworm | 3/4-3 | 7 | 30 Tops | 48 hrs | |
| | Variegated Cutworm | 1 1/2 | | | - | |
| | Do not apply more than 4.5 lbs Do not make more than 10 appl | | | | ĺ | |

| Crops | | Rate | Last Application -Days | | [|
|---|---|---|--------------------------------------|---------------------------------|--------|
| | Insects | DuPont™ LANNATE® LV Pts. Per Acre | To Harvest | To Livestock Grazing/Feeding | REI_ |
| Summer Squash* Including: Crookneck squash | Loopers Tobacco Budworm Beet Armyworm Yellowstriped Armyworm Granulate Cutworm Flea Beetles Cucumber Beetles Melon Aphid Melonworm Pickleworm Fall Armyworm Do not apply more than 5.4 lbs | 1 1/2-3 | 1 1/2 pt1 day over 1 1/2 pt3 days | | 48 hrs |
| Balsam pear Balsam apple Chinese Cucumber | Do not make more than 12 applications/crop. * Fruit of the Gourd (Cucurbit accae) family that are consumed when immature, 100% of the fruit is edible cooked or raw, once picked cannot be stored, has a soft rind which is easily penetrated, and if seeds were harvested they would not germinate. | | | | |
| Tangelo, Tangerine CA, AZ & HI only | Thrips Western Tussock Moth Orange Tortrix, Beet Armyworn | 1 1/2-3 | | 10 | 72 hrs |
| | Do not apply more than 2.7 lbs a,i./acre/crop. Do not make more than 4 applications/crop. | | | | |
| Tobacco (Except shade) | Flea Beetle Hornworm | 3/4-1 1/2 | 5 Flue cured 14 Air or fire cured | | 48 hrs |
| | Loopers Aphids Tobacco Budworm Fall Armyworm | 1 1/2 | i i | | |
| | Do not apply more than 2.25 lbs a.i./acre/crop. Do not make more than 5 applications/crop. | | | |] |
| Tomato (Including Tomatillos*) | Tomato Fruitworm Aphids Hornworm Loopers Beet Armyworm Southern Armyworm Pinworm | 1 1/2-3 | Ī | | 48 hrs |
| | Fall Armyworm Variegated Cutworm | 1 1/2 | † | | |
| | Armyworm 3/4-1 1/2 Do not apply more than 6.3 lbs a.i./acre/crop. Do not make more than 16 applications/crop. * Do not apply more than 4.5 lbs a.i./acre/crop. Do not make more than 5 applications/crop. | | | | |
| Turf (For use on sod farms only) | Sod Webworm (after application, sprinkle irrigate for 15 minutes) | 3 (1.1 fl. ozs. per 1000 sq. ft.) | | Do not graze or feed. | 48 hrs |
| | Do not apply more than 3.6 lbs a.i./acre/crop. Do not make more than 4 applications/crop. | | | | 1 |
| Wheat | Armyworms Cereal Leaf Beetle Aphids | 3/4-1 1/2 | 7 | 10 | 48 hrs |
| | Do not apply more than 1.8 lbs Do not make more than 4 appli | | | | |

STORAGE AND DISPOSAL

STORAGE: Do not subject to temperatures below 32 Deg. F. Store product in original container only. Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Not for use or storage in or around the home.

PRODUCT DISPOSAL: Do not contaminate water, food, or feed by disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: For Metal Containers (non aerosol): Triple rinse (or equivalent) the container. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. For Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

D - 804 092701 EPA EST. NO. 34704-MS-2 Net 5 gallons

LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read This Limitation of Warranty and Liability Before Buying or Using This Product. If the Terms Are Not Acceptable, Return the Product at Once, Unopened, and the Purchase Price Will Be Refunded.

It is impossible to eliminate all risks associated with the use of this product. Such risks arise from weather conditions, soil factors, off target movement, unconventional farming techniques, presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of DuPont. These risks can cause: ineffectiveness of the product; crop injury, or; injury to non-target crops or plants.

DuPont does not agree to be an insurer of these risks. WHEN YOU BUY OR USE THIS PRODUCT, YOU AGREE TO ACCEPT THESE RISKS.

DuPont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purpose stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions.

DUPONT MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

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DuPont or its Ag Retailer must have prompt notice of any claim so that an immediate inspection of buyer's or user's growing crops can be made. Buyer and all users shall promptly notify DuPont or a DuPont Ag Retailer of any claims, whether based on contract, negligence, strict liability, other tort or otherwise or be barred from any remedy.

This Limitation of Warranty and Liability may not be amended by any oral or written agreement.

For product information call: 1-888-6-DUPONT Internet address: www.dupont.com/ag/us

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