



352-370 PM 12 1076
LANNATE L

RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

**INSECTICIDE
WATER SOLUBLE LIQUID
1 GALLON CONTAINS 1.8 LBS. METHOMYL**

Keep out of reach of children.

DANGER — POISON

PELIGRO



PRECAUCION A: USUARIO Si usted no se sabe como usar este producto hasta que le expliquen aqui todo explicado simplemente

ACTIVE INGREDIENT:

Methomyl
S-methyl-N-[(methylcarbamoyloxy) thioacetimidate 24%

INERT INGREDIENTS 76%

U.S. Pats. 3,576,834, 3,639,633 & 3,862,316
EPA Reg No 352-370

EPA Est 352 TX 1 5905 AP 1 42761 MS 1
Superscript used is first letter of lot number

STATEMENT OF PRACTICAL TREATMENT

If **swallowed**, call a physician or Poison Control Center. 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 **inhaled**, remove from exposure and have patient lie down and keep quiet. If patient is not breathing, start artificial respiration immediate. Never give anything by mouth to an unconscious person.

In case of **contact**, wash skin with plenty of soap and water, for eyes flush with water for 15 minutes and get medical attention; remove and wash contaminated clothing before re-use.

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.

1 GALLON

DO NOT SUBJECT TO TEMPERATURES BELOW 32°F

E. I. DU PONT DE NEMOURS & CO (INC.), AGRICULTURAL CHEMICALS DEPT., WILM., DE

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS**

DANGER POISON

CONTAINS METHANOL.

**MAY BE FATAL OR CAUSE BLINDNESS IF SWALLOWED.
POISONOUS IF INHALED. CAUSES EYE DAMAGE.**

Do not breathe vapors or spray mist. Do not get in eyes, on skin, or on clothing. When mixing spray loading, applying, or otherwise handling wear protective clothing, goggles, and a mask or respirator jointly approved by the Mine Safety and Health Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health. Wear clean clothes daily. Wash thoroughly after handling and before eating or smoking. Pilot should not assist in the mixing or load operation.

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.

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

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" L alone. However, for exposure to combinations of "Lannate" L and organophosphorous insecticides, 2-PAM may be used as required to supplement the atropine sulfate treatment.

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 favor 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 where bees are actively visiting the treatment area. Time applications to coincide with periods of minimum bee activity.

PHYSICAL AND CHEMICAL HAZARDS

Flammable. Keep away from heat, sparks, and open flame. Keep container closed. Use with adequate ventilation.

DRAFT LABELING 071384

STORAGE AND DISPOSAL

STORAGE: Do not subject to temperatures below 32°F. 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: Do not contaminate water, food, or feed by storage or disposal. Pesticide wastes are toxic. 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. Triple rinse (or equivalent) the container. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

ACC

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NOTICE OF WARRANTY

DuPont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of DuPont. In no case shall DuPont be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. DUPONT MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

GENERAL INFORMATION

Scouting — Monitoring insect populations to determine whether or not there is a need for application of "Lannate" L is recommended. More than one treatment of "Lannate" L may be required to control a population of pests.

Insect Predators — "Lannate" L at rates of 1/2 to 1 pt. per acre helps conserve certain beneficials, including big-eyed 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.

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" L 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.

DIRECTIONS FOR USE

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

DuPont "Lannate" L 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.

Do not enter treated areas without appropriate protective clothing until sprays have dried. Because certain states may require more restrictive reentry intervals for various

crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written (or oral) warnings must include the following information: "DANGER—POISON. Area treated with 'Lannate' L on (date of application). Do not enter treated areas without appropriate protective clothing until sprays have dried. If warning symptoms appear, refer to Statement of Practical Treatment and seek medical attention at once."

"Lannate" L is a water soluble liquid to be diluted with water for application by ground or air equipment. Use only in commercial plantings; do not use in home plantings

SPRAY PREPARATION—Fill spray tank 1/2 to 3/4 full of water. Add "Lannate" L directly to spray tank and mix thoroughly, using mechanical or hydraulic means; do not use air agitation.

APPLICATION — Apply at the recommended rates when insects first appear. Unless otherwise noted, continue application at 5- to 7-day intervals or as needed. Use sufficient water to obtain thorough coverage. Since "Lannate" L is a fast acting contact insecticide, best results follow direct spraying of the target insect. This can be accomplished with fine spray droplets at low volume.

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.

For certain crops a minimum of 1 gallon per acre may be used providing the following conditions are met.

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

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

Apply the low rates on small plants, small insects and light infestation of insects. Use intermediate rates on large insects and heavier infestations of insects. Use 1 to 5 applications of the highest recommended rate for controlling severe infestations. Thereafter, use the lowest rate possible to maintain control.

NOTICE TO BUYER
Purchase of this material does not confer any right under patents of copyright outside of the United States.

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DRAFT LABELING

Lannate[®] p 2 of 6

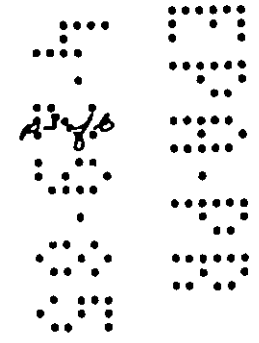
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| Crops | Insects | RATES | LAST APPLICATION—DAYS | |
|--|---|--|-----------------------|-------------------------------------|
| | | LANNATE® L Pnts per Acre | To Harvest | To Livestock Grazing/ Feeding |
| Alfalfa (Do not apply to dormant or semi-dormant alfalfa when min daily temp is 50°F. or lower.) | Pea Aphid, Lygus Bugs, Blotch Leafminer, Aphids, Egyptian Alfalfa Weevil Larvae | 2-4 | | 7 |
| | Fall Armyworm | 2 | | |
| | Alfalfa Weevil Larvae | 4 | | |
| | Loopers, Yellowstriped Armyworm, Western Yellowstriped Armyworm, Armyworm | 1-2 | | |
| | Variegated Cutworm, Beet Armyworm | 1-4 | | |
| | Alfalfa Caterpillar | 1-2 | | |
| Anise (Fennel) | Cabbage Looper | 4 | 7 | |
| | Beet Armyworm | 2-4 | | |
| Apple (Do not use on Early Macintosh & Wealthy varieties) **G | Apple Aphid | 1-2/100 gals.; up to 400 gals per acre | 8 | 10 |
| | Rosy Apple Aphid, Tufted Apple Budmoth, Green Fruitworm, Tarnished Plant Bug | | | |
| | Codling Moth (10-12 day intervals) | | | |
| | Leafrollers (Fruitree, Obliquebanded, Redbanded, Variegated), Lesser Appleworm, White Apple Leafhopper, Yentiform Leafminer, Cutworm | | | |

*Add wetting agent.
**All require plants be aerial and ground use unless marked G for ground use only.

DRAFT LABELING 07/18/87

Lannate® L



DRAFT LABELING 091884

| Crop | Insects | RATES | | DATE APPLICATION - DAYS | |
|--|--|---------------------------------------|----------|--|----------------------------|
| | | LANNATE [®] L Pests Per Acre | Per Acre | In Harvest | In Harvest Grading Feeding |
| Asparagus | Beet Armyworm, Western Yellow-striped Armyworm, Asparagus Beetle, Spotted Asparagus Beetle, White Cutworm, Rescued Cutworm, Variegated Cutworm | 2.4 | | 1 | |
| Avocado | Avocado Looper, Avocado Leafminer, Omphalotus Leafminer | 2.4 | | 1 | 10 |
| Barley | Armyworm, Cereal Leaf Beetle, Aphids | 1.2 | | 7 | 10 |
| Beans (Includes Black-eyed Peas & Cowpeas) | Leafhopper, Mexican Bean Beetle, Fall Armyworm, Variegated Cutworm, Beet Armyworm, Looper, Corn Earworm, Saltmarsh Caterpillar, Yellow-striped Armyworm, Western Yellow-striped Armyworm, Lygus Bugs, Insects, Aphids, European Corn Borer *** - Indicate when moth begins first pupae and continue preventive treatments at 3-4 day intervals to control eggs and larvae, Spotted Cucumber Beetle | 2.4 | | Succession Beans 1-2 pct - 1 over 7 pct - 2 Dry Beans - 25 | 3 Weeks 7 Mo |
| Beets (Table) | Imported Cabbageworm, Beet Armyworm, Cabbage Looper, Diamondback Moth, Cucumber Beetle, Variegated Cutworm | 1.2 / 2.4 | | 6 Weeks 14 Days | |
| Ber mung beans | Fall Armyworm, Armyworm | 1.4 | | | 7 Forage 3 Dehydrated Mo |
| Blueberries | Blueberry Leafhopper, Aphids, Tussock Moth, Rose of Sharp Nosed Leafhopper, Cranberry Fruitworm, Cherry Fruitworm **G, Flea Beetle (larvae), Sawfly (larvae), Blueberry Leafminer, Blueberry Midge | 2 / 2.4 / 4 / 1.2 | | 3 | |
| Broccoli | Looper, Imp Cabbageworm, Diamondback Moth | 1.4* | | 3 | |
| Brussels Sprouts | Looper, Imp Cabbageworm, Diamondback Moth, Variegated Cutworm | 2.4* / 2* | | 3 | |
| Cabbage | Looper, Imp Cabbageworm, Diamondback Moth, Fall Armyworm, Variegated Cutworm | 1.4* / 2* | | 1 | |
| Carrot | Beet Armyworm, Aster Leafhopper, Armyworms, Variegated Cutworm | 1.4 / 2.4 / 1.2 / 1.2 | | 1 | |
| Cauliflower | Imp Cabbageworm, Looper, Diamondback Moth, Variegated Cutworm | 1.4* / 2* | | 3 | |
| Celery | Beet Armyworm, Aster Leafhopper, Looper, Variegated Cutworm, Armyworm | 2.4 / 4 / 2 / 1.2 | | 7 | |
| Chicory | Beet Armyworm, Variegated Cutworm, Leafhoppers | 2.4 | | 80 | |
| Chinese Cabbage **G | Looper, Beet Armyworm | 2.4 | | 10 | |
| Cucurbit (Fresh market only - do not apply when temp is less than 50°F. Do not apply when crop is less than 10" tall) | Looper, Diamondback Moth, Variegated Cutworm, Imported Cabbageworm, Beet Armyworm | 2 / 2.4 | | | 10 |
| Corn (Sweet) (Note: Certain hybrid varieties of sweet corn are susceptible to methomyl injury. Treat a small area to determine crop safety before full scale application.) | Earworm - When as needed, Fall Armyworm, Armyworm, Earworm (Dusky Larvicide), European Corn worm - Ears 1-3 days or as needed, Corn Rootworm (adult beetles), Flea Beetles, Picnic Beetles, Aphids, Variegated Cutworm, Beet Armyworm | 1.4 / 2 / 2 | | 0 Ears | 3 Forage |
| Corn (Feed & Popcorn) | Earworm, Armyworm, Fall Armyworm, Corn Rootworm (adult beetles), Flea Beetles, Picnic Beetles, Aphids, Variegated Cutworm, Beet Armyworm | 1.2 / 2 | | 0 Ears | 3 Forage |

| Crop | U.S. | Insects | Application | Notes |
|--|------|--|-----------------------|-------|
| Cotton (Use may reddon cotton)- If excessive stop or alternate with other insecticides.) | | Ovicide/larvicide | 1/2-1 (See Predators) | |
| | | Bollworm, Tobacco Budworm (Initiate schedule when significant numbers of eggs are present. Continue at 5- to 7-day intervals while eggs present and larval control adequate. If significant larva, survive, use higher rates below.) Lygus Bugs (adults and nymphs) start treatment on low level population for suppression. | | |
| | | Cotton Leafworm | 1-2 | |
| | | Aphids, Thrips | 1 | |
| West of Rockies only | | Cotton Fleahopper (as needed) | 1/2-1 | |
| | | Larvicide for Worms | | |
| | | Bollworm, Tobacco Budworm, Beet Armyworm, Cotton Leafperforator, Fall Armyworm, Lygus Bugs (adults and nymphs) use as occasional spray in regular schedule but not more often than every 10 days. | 2 | 15 |
| West of Rockies only | | Bollworm, Tobacco Budworm, Beet Armyworm, Cotton Leafperforator, Fall Armyworm, Lygus Bugs (adult and nymphs) up to 3 applications at 3-5 day intervals after desired boll load set on plants. | 2-3 | |
| | | Larvicide for Worms | | |
| | | Bollworm, Fall Armyworm, Tobacco Budworm, Lygus Bugs | 2-3 | |
| Southwest only | | Beet Armyworm | 1 1/3 | |
| | | Cotton Leafperforator | 1 1/3-3 | |
| | | Cotton Fleahopper (as needed) | 1/2-2 | |

*Add wetting agent on all registrations for aerial and ground use unless marked G for ground use only
 **Ovicide and larvicide control

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| | | | | |
|--|---|--|---|------------------------------------|
| Cucumber | Looper, Tobacco Budworm, Beet Armyworm, Yellowstriped Armyworm, Granulate Cutworm, Flea Beetles, Cucumber Beetle, Melon Aphid, Melonworm, Pickleworm | 24 | 2 pts - 1 Over 2 pts - 3 | |
| Eggplant | Fall Armyworm, Variegated Cutworm Green Peach Aphid Tomato Pinworm ^{**G} BEET ARMYWORM | 2 1-4 24 | 5 | |
| EMILIA FANALIS | BEET ARMYWORM | 2-4 | 10 | |
| Forest Woodlots, Nurseries and Nurseries ^{**G} | Spruce Budworm (treat when larvae are feeding on buds, retreat after 3-4 days if needed) Forest Tent Caterpillar, Western Tent Caterpillar | 1-2 24 | | |
| Garlic | Beet Armyworm | 2 | 7 | |
| Grapefruit | CA & AZ only US FL only | Thrips, Fruittree Leafroller, Orange Tortrix, Western Tussock Moth Beet Armyworm Spiraea Aphid Whiteflies | 24 1 4 | 10 |
| CA, AZ & FL only | Yellow Scale, Chaff Scale, Purple Scale, Soft brown scale | 2/100 gals. up to 800 gals. per acre. | | |
| Grapes | East of Rockies only US West of Rockies only CA only | Grape Berry Moth (spray pre & post bloom & repeat at 10-14 day intervals or as needed), Leafhoppers ^{**G} Omnivorous Leafhopper, Grape Leafhopper, Orange Tortrix Saltmarsh Caterpillar Leafhoppers ^{**G} Climbing Cutworm (treat in late season and repeat at 7-14 day intervals as needed) Grape Leaf Skeletonizer ^{**G} | 24 2-4 24 4 24 | 1 fresh & Raisin 14 Wine Grapes |
| | Thrips | 1/2 - 1 | | |
| Horseshoe ^{**G} | Aphids, Thrips | 2 | 65 | |
| Leafy Green Vegetables Beet Root, Dandelions, Kale Mustard Greens, Parsley Swiss Chard, Turnip Greens | Beet Armyworm, Cabbage Looper, Diamondback Moth, Imported Cabbageworm | 24 | 10 | |
| Lemon | CA & AZ only US FL only | Thrips, Western Tussock Moth, Orange Tortrix Beet Armyworm Spiraea Aphid Whiteflies | 24 1 4 | 10 |
| CA, AZ & FL only | Yellow scale, chaff scale, Purple scale Soft brown scale, GLUER SCALE | 2/100 gals. up to 800 gals. per acre | | |
| Lentils | Western Yellowstriped Armyworm | 24 | 21 | |
| Lettuce (head varieties in US and leaf varieties in CA and AZ) | Beet Armyworm, Looper Thrips, Aphids, Corn Earworm, Flea Leafhopper Variegated Cutworm | 14 24 2 | 1-2 pts - 7 over 2 pts - 10 | |
| Melons | Looper, Tobacco Budworm, Beet Armyworm, Yellowstriped Armyworm, Granulate Cutworm, Flea Beetles, Cucumber Beetle, Melon Aphid, Melonworm, Pickleworm Fall Armyworm, Variegated Cutworm | 24 2 | 2 pts - 1 day over 2 pts - 3 days | |
| Mint | Variegated Cutworm, Alfalfa Looper Flea Beetles | 4 24 | 14 | |
| Nectarine | CA & AZ only | Thrips (up to 3 applications) | 24 | 10 |
| Onion | CA & AZ only | Armyworm, Cereal Leaf Beetle, Aphids | 1-2 | 7 10 |
| Ornamentals ^{**G} (See Supp Labeling) | BEET ARMYWORM THRIPS, VARIEGATED CUTWORM | 2-4 24 | 9 9 | 9 9 |
| Oranges | CA & AZ only US FL only | Thrips, Western Tussock Moth, Orange Tortrix, Fruittree Leafroller, Citrus Cutworm Beet Armyworm Spiraea Aphid Whiteflies | 24 1 4 | 10 |
| CA, AZ & FL ONLY | YELLOW SCALE, CHAFF SCALE, PURPLE SCALE, SOFT BROWN SCALE GLUER SCALE | 2/100 gals. up to 800 gals. per acre | | |
| Onion ^{**G} (See Supp Labeling) | Bulbrot (40477) (L78) obtainable on request | 1.7 oz - 100 gms | | |
| Peaches | Calligraphic 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 petal fall, 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 ^{**G} Green Peach Aphid | 4.8 oz 1-2/100 (pts up to 400 gals. per acre) 3-8 | 4 | 10 |
| Peanut | Corn Earworm ^{**} , Beet Armyworm, Pod-borer, Leafhopper - Up to 3 applications Looper, Green Cloverworm, Wireworm, Caterpillar, Thrips, Granulate Cutworm - Up to 3 applications Fall Armyworm | 1-4 24 1-2 | 21 | Do not feed treated peas |
| Peas | Northwest only | Green Fruitworm, Obliquebanded Leafroller - One application only | 27/100 gals up to 400 gals. per acre | 7 10 |
| Pea (Succulent) | Armyworm, Green Cloverworm Looper, Flea Aphid, Beet Armyworm, Saltmarsh Caterpillar, Variegated Cutworm Alfalfa Caterpillar | 1-2 24 14 | 1 | 8 Forage 14 Hay |
| Peas (Southeast only) | Aphids | 24 | 30 | 10 |
| Peppers | Green Peach Aphid, Fall Armyworm, Looper, Beet Armyworm Armyworm, Variegated Cutworm | 2 1-2 | 3 | |
| Perennials | Omnivorous Leafhopper | 4 | 14 | |
| Peas | Tuberosum Looper, Aphids, Beet Armyworm, Leafhoppers Variegated Cutworm, Fall Armyworm, Flea Beetles | 24 2 | 6 | |
| Rye | Armyworm, Cereal Leaf Beetle, Aphids | 1-2 | 7 | 10 |
| Sorghum | Sorghum Webworm Sorghum Midge - Apply when 50% bloom and 3-5 days later if needed Fall Armyworm (Budworm), Beet Armyworm, Corn Earworm, Armyworm | 2 1-2 | 14 | 14 |

DRAFT LABELING 081384

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| Crops | Insects | RATES | | LAST APPLICATION—DAYS | |
|--|--|---|--|------------------------------------|--|
| | | Label # 1 Pests per Acre | to Harvest | To Emergence of young larvae | |
| Soybean | Green Clover worm, Nettleleaf Caterpillar, Mexican Bean Beetle | Light to moderate infestations Moderate to severe infestations | 1-1 (See Precautions) | 14 | under 2 pts. 3 forage 7 hay 2-4 pts. 10 Forage 12 Hay |
| | Corn Earworm (worms up to 1 1/2" long) (worms up to 1 1/2" long) | Moderate to severe infestations Light to moderate infestations | 1-1 (See Precautions) | | |
| | Beet Armyworm, Salt Marsh Caterpillar, Bean Leaf Beetle, Thrips, Fall Armyworm, Silver Spotted Skipper | Light to moderate infestations Moderate to severe infestations | 1-1 1/2 1 1/2-2 | | |
| | SOYBEAN LOOPER (worms up to 1/2" long) | Use high rate. Add banding in furrows. | 2-4 | | |
| Sprach (Do not apply when min. daily temp is 32° F or lower. Do not apply to seedlings less than 3" diameter) | Loopers, Beet Armyworm Fall Armyworm, Variegated Cutworm | 2-4 2 | 7 | | |
| Strawberry | Beet Armyworm, Thrips, Aphids Lycus Bugs, Omnivorous Leaf Tiers Armyworms | 2-4 4 3-4 | 7 10 Processing Fruit | | |
| Sugar Beet | Beet Webworm, Flea Beetles, Curculion Beetles, Beet Armyworm, Aphids, Western Yellowstriped Armyworm—Up to 4 applications Variegated Cutworm | 1-4 2 | 7 | 30 tops | |
| Summer Squash | Loopers, Tobacco Budworm, Beet Armyworm, Yellowstriped Armyworm, Granulate Cutworm, Flea Beetles, Cucumber Beetles, Mexican Aphid, Mexican, Pickworm, Fall Armyworm | 2-4 | 2 pts. — 1 gal. over 2 pts. 3 days | | |
| Tomato | Thrips, Western Tarsus, Mott, Orange Tortrix Beet Armyworm Spirea Aphid Whiteflies | 2-4 4 | 1 | 10 | |
| CA, AZ, FL ONLY | YELLOW SCALE, CHAFF SCALE, PURPLE SCALE, SOFT BROWN SCALE, & LOWER SCALE | 2 1/2 to 3 gal. up to 800 gal./acre | | | |
| Tomato | Thrips, Western Tarsus, Mott, Orange Tortrix Beet Armyworm Spirea Aphid Whiteflies | 2-4 4 | 1 | 10 | |
| CA, AZ, FL ONLY | YELLOW SCALE, CHAFF SCALE, PURPLE SCALE, SOFT BROWN SCALE, & LOWER SCALE | 4 1/2 to 5 gal. up to 800 gal./acre | | | |
| Tobacco (except shade) | Flea Beetle, Hornworm Loopers, Aphids, Tobacco Budworm, Fall Armyworm | 1-2 2 | 5 Five cured 14 Air or fire cured | | |
| Tomato | Tomato Fruitworm, Aphids, Hornworm, Loopers, Beet Armyworm, Southern Armyworm Hornworm Fall Armyworm, Variegated Cutworm Armyworm | 2-4 2 1-2 | 1 | | |
| Turnip | Said Webworm (After application, sprinkle irrigate for 15 minutes) | 4-8 (1.5-3.0 lbs. per 1000 sq. ft.) | | | Do not graze or feed |
| Watercress | Beet Armyworm, Cabbage Looper, Diamondback MOTH, Imported Cabbageworm (Use a minimum of 30 gal. of water. Water should be turned off 24 hours prior to application.) | 2-4 | 10 | | |
| Wheat | Armyworms, Cereal Leaf Beetle, Aphids | 1-2 | 7 | 10 | |

*Add wetting agent
**All registrations for aerial and ground use unless marked G for ground use only
***Disease and larvicidal control

Lannate® L 6076