

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION
34704-706

DATE OF ISSUANCE
SEP 19 1991

1986

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

TERM OF ISSUANCE
Until Reregistration

NAME OF PESTICIDE PRODUCT
Clean Crop Lindane 400

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Platte Chemical Co.
419 18th Street
P.O. 667
Greeley, CO 80632

100/392675
18/

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA sec. 3(c)(5) or FIFRA sec. 4 when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment:

- a. Add the phrase, "EPA Registration No. 34704-706".
- b. Please correct the spelling of Gamma in the ingredient statement.
- c. Under the Environmental Hazards statement, revise the sentence "Do not apply directly to water or wetlands" as follows:

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

16A

- d. Replace the first sentence under **SEED TREATMENT** with the following statement:

Either use the entire container at one time, but do not exceed recommended rates; or after storing partially used container, mix thoroughly before use.

- e. The Restricted Use Pesticide limitation should appear with in a block (i.e. with a printed outlined perimeter) at the top of the label.
- f. Revise the heading **OUTDOOR STRUCTURES AND BARNs** to either **Livestock Building and Pens** or **"Livestock Buildings (including barns and pens"**.

3. Submit five copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

George T. LaRocca
Product Manager 13
Insecticide-Rodenticide Branch
Registration Division (H7505C)

RESTRICTED USE PESTICIDE

The use of this product may be hazardous to your health. This product contains lindane, which has been determined to cause tumors in laboratory animals. Risks can be reduced by closely following the use directions and precautions, and by wearing the protective clothing specified elsewhere on this label. For retail sale to and use only by Certified Applicators or person under their direct supervision, and only for those uses covered by the Certified Applicator's certification.



LINDANE 400

SEP 19 1991

Accepted with comments

ACTIVE INGREDIENTS:

Lindane (Gamma Isomer of Benzene Hexachloride) 40%

INERT INGREDIENTS: 60%

TOTAL 100%

Contains aromatic petroleum distillate

KEEP OUT OF REACH OF CHILDREN WARNING

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente. See below for additional precautionary statements

EPA REG. NO. 34704-

EPA EST. NO. _____

NET CONTENTS _____ GALLONS

29079

EXP03Y91

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

Causes (moderate) eye injury (irritation). Do not get in eyes, on skin, or on clothing. May be fatal if swallowed or absorbed through skin. Do not breathe vapor or spray mist. Use waterproof gloves, face shield or goggles, and protective clothing when handling. See also the specific uses for additional directions for protective clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse. Do not use on humans or household pets. Avoid exposure to children. Do not allow children to handle or apply this product. Do not allow children and pets in treated areas until surfaces are dry. For foliar application to agricultural crops whose culture involves hand labor there is a 24 hour reentry period (see Reentry Statement). Do not apply to food or forage nor to crops to be fed to dairy animals. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove a victim to fresh air. Apply artificial respiration if indicated.

IF ON SKIN: Remove contaminated clothing, and wash affected areas with plenty of soap and water. Get medical attention.

IF IN EYES: Flush with plenty of water. Call a physician if irritation persists.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, birds, and other wildlife. Do not apply directly to water or wetlands. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not contaminate water when disposing of equipment wash waters.

This pesticide is highly toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. STORAGE: Store in a cool, dry place. Keep container closed when not in use.

PESTICIDE 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.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

REENTRY STATEMENT

For foliar application to agricultural crops whose culture involves hand labor, do not enter treat areas without protective clothing until 24 hours after application. 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.

Protective clothing means, at least, a hat or other suitable head covering, a long-sleeved shirt and long-legged trousers or a coverall type garment (all of closely woven fabric covering the body, including arms and legs), socks, and shoes.

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. Oral warnings must include the following information.

WARNING

This area has been treated with Lindane. Do not enter without appropriate protective clothing. If accidentally exposed, remove contaminated clothing and wash the affected areas.

When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is a reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information:

WARNING

Area treated with Lindane on (date of application). Do not allow reentry into treated areas until 24 hours after application unless appropriate protective clothing is worn. If accidentally exposed, remove contaminated clothing and wash the affected areas.

Chemigation: do not apply this product through any type of irrigation system.

Where a dosage range is recommended, use the higher dosage when the weather is conducive to rapid insect growth (warm, humid weather) and when the plants are in full foliage. Either use the entire container at one time, but do not exceed recommended rates; or after storing partially used container, mix thoroughly before use.

Apply in sufficient volume of water to provide good coverage with available equipment in either dilute sprays or in concentrate ground sprays. Aerial application of Lindane is prohibited.

PLANT USES

SEED TREATMENT: Mix thoroughly before use or use entire container at one time. Do not combine water suspensions, wettable powders or emulsifiable concentrates unless previous experience assures compatibility. This product is to be used in liquid or slurry treaters, or on the farm planter box treatment.

CAUTION: Applicators who apply this product manually or without the use of closed system treatment procedure must wear the following protective clothing during the application process: long-sleeved shirt; long pants; gloves; and a disposable, paper dust mask which covers at least one-third of the face. This product should be applied in a well-ventilated area.

Use only at recommended rates.

BEST AVAILABLE COPY

LINDANE 400

EPA REG. NO. 34704-

This product will protect seeds and seedlings against damage from seedcorn beetle, seed corn maggot, white grubs, wireworm.

SEED	DOSAGE RATE PER 100 LBS. OF SEED
Corn	4.0 fl. oz.
Peas	2.5 fl. oz.
Wheat, Rye, Oats	1.0 fl. oz.
Cucumbers, Watermelons, Cantaloupes	3.6 fl. oz.
Cabbage, Cauliflower, Broccoli, Brussels Sprouts	3.6 fl. oz.
Carrots, Onions	2.5 fl. oz.
Barley	2.5 fl. oz.
Sugar Beets, Beets	8.0 fl. oz.
Beans	1.0 fl. oz.
Soybeans	1.0 fl. oz.
Sunflowers	2.0 fl. oz.
Cotton: Acid Delinted or Reginned Fuzzy Not Delinted	4.0 fl. oz. 5.5 fl. oz.
Lentils	2.0 fl. oz.
Safflower	1.0 fl. oz.
Radishes	1.0 fl. oz.
Sudan Grass	1.0 fl. oz.
Rye grass	1.0 fl. oz.

USE PRECAUTION

NOTE: This formulation does not contain dye. To comply with 21CFR Chapter 1, Section 2.25, color treat grain seed to distinguish and prevent subsequent inadvertent use as a food for man or feed animals.

IMPORTANT: DO NOT USE TREATED SEED OR GRAIN FOR FOOD, FEED AND OIL PURPOSES.

Treated seed should be labeled as follows: TREATED SEED: DO NOT USE FOR FOOD, FEED OR OIL. Exposed treated seeds may be hazardous to birds and other wildlife. Dispose of all excess treated seed and seed packaging by burial away from bodies of water.

Only seed of high germination with good vigor should be treated with lindane. Poor seed may suffer greater injury. Treat seed not over 6 weeks before planting. Store treated seed in a dry place until planted so that excess moisture will evaporate. If seed is stacked when wet, heat may develop which could impair germination.

The common methods of treating seed are slurry and planter box. For slurry treatment, apply in a slurry-type treater specifically designed and approved for that purpose or apply by hand in any suitable mixing equipment, such as home-made rotary drums. For planter box method, fill the box only half full of seed and half the required amount of lindane and mix thoroughly with a stick. Then add the remainder of the seed to the box and add the rest of the required amount of lindane to the seed, again mixing thoroughly.

FRUITS

IMPORTANT: Lindane may cause off-flavor and odor to certain edible crops. Do not apply to any crop not listed on the label.

FOLIAR APPLICATIONS:

APPLES: Aphids, Flea beetles, Grasshoppers, Lygus bugs, Thrips. Foliar application: Use 1/2 pint in 100 gallons of water, apply in sufficient water for thorough coverage. It may be used as late as petal fall for control of rosy aphid. Do not apply more than 7 pints per acre. Do not apply within 60 days of harvest.

CHERRIES: Aphids, Flea beetles, Plum curculio, Thrips. Foliar application: Use 1/4 pint in 100 gallons of water, apply in sufficient water for thorough coverage. It may be used as late as petal fall for control of rosy aphid. Do not apply more than 2 pints per acre. Do not apply to foliage or fruit after fruit starts to form. Do not apply within 60 days of harvest.

GRAPES: Grape phylloxera (leaf form only). Foliar application: Use 1 quart per acre, apply in sufficient water for thorough coverage. Do not use later than one month after bloom.

PEACH: Aphids, Leafrollers, Plum curculio, Thrips. Foliar application: Use 1/2 pint in 100 gallons of water, apply in sufficient water for thorough coverage. Do not apply more than 1 1/4 pints per acre. Do not apply later than 7 days after shuck split. Do not use within 60 days of harvest.

PEARS: Aphids, Flea beetles, Plum curculio, Thrips. Foliar application: Use 1/2 pint in 100 gallons of water. Apply in sufficient water for thorough coverage. Do not apply more than 1 1/4 pints per acre. Do not use within 60 days of harvest. Pear psylla: Foliar application: Use 1 1/4 pints per acre, apply in sufficient water for thorough coverage. Do not apply more than 1 1/4 pints per acre. Do not use within 60 days of harvest.

PLUMS: Aphids, Leafrollers, Plum curculio, Thrips. Foliar application: Use 1/2 pint in 100 gallons of water, apply in sufficient water for thorough coverage. Do not use more than 3 pints per acre. Do not use within 60

days of harvest.

PRUNES: Aphids. Foliar application: Use 1/2 pint in 100 gallons of water. Apply in sufficient water for thorough coverage. Do not use more than 1 1/4 pints per acre. Do not use within 60 days of harvest.

BARK APPLICATIONS:

APPLES, CHERRIES, PEACHES, PEARS, PLUMS: Flatheaded apple-tree borer, Peachtree borer, Roundheaded apple-tree borer, Shot-hole borer. Bark application: Use 1 1/2 pints in 100 gallons of water. Apply to bark of tree and large limbs in spring. First application should be made between July 10 and 15 followed by 2 subsequent applications at 21 to 28 day intervals. Apply to trunk, crotch to ground. Soak bark to the point of runoff. Do not apply within 60 days of harvest.

For Roundheaded apple-tree borer. Apply at the beginning of the larval stage or during the pupal stage at both of which times the pest are located just under the bark. Consult you State Agricultural Extension Service to determine the life cycle of the borer to be controlled.

For Flatheaded apple-tree borer, apply as soon as symptoms are first observed. The symptoms can include a damp spot on the bark at the point of early infestation, developing until the sap drips from the spot; discoloration of bark overlying the tunnel; feces at the entrance to or just below the tunnels. If treated areas have not dried within 7 to 10 days, treatment should be repeated.

APRICOT: Peachtree borer. Bark application: Use 1 1/4 pints in 100 gallon of water for bark application. Apply to trunk and lower branches from crotch to ground. Do not apply to fruit or foliage. Apply in late spring or early summer. Do not apply within 60 days of harvest.

SOIL APPLICATIONS:

STRAWBERRIES: DO NOT APPLY AFTER FRUIT STARTS TO FORM. Preplant soil application. Cutworms, Diabrotica beetles (larvae), Garden symphylan, White grubs, Wireworms. Use 2 to 3 quarts per acre in sufficient water for thorough coverage. Spray directly on soil, then disc as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

Spittlebugs, Weevils. Foliar application: Use 1/4 cup per acre, apply in sufficient water for thorough coverage. Apply in the spring when first leaves appear. Repeat at 5 to 10 day intervals.

Soil application: Apply in fall after last harvest but before October 1. Use 1 pint per acre, apply in sufficient water for thorough coverage. Apply as a 10 to 12 inch band over the row.

IMPORTANT: SOIL APPLICATION: Do not make soil application to root crops, which might absorb a musty flavor. Do not apply in soil which will be planted to root crops (except potatoes) within 1 year. Do not use in soil which will be planted to potatoes within 2 years.

NOTE: Applicators must wear water resistant hat, lightweight protective suit or coverall, unlined waterproof gloves (natural rubber, neoprene, or polyethylene), and unlined lightweight boots. Mixer/loaders must wear goggles or a face shield, waterproof apron, and unlined waterproof gloves.

VEGETABLES

The recommendations below are based on 400 gallons of spray per acre in dilute application except as noted.

ASPARAGUS: Asparagus beetle, Thrips. Foliar application: Use 1/4 pint in 100 gallons of water. Spray seedlings and post harvest cutting.

BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER: Aphids, Cabbage looper, Climbing cutworms, Flea beetles, Imported cabbage worm, Leafminers (including Serpentine leafminer), Plant bugs, Southern cabbage worm, Thrips. Foliar application: Use 1/2 pint in 100 gallons of water. Do not apply after edible parts start to form.

Cabbage maggot: Soil application: Use 1/2 pint in 100 gallons of water. Apply to soil around base of plants.

Cutworms, Diabrotica beetles (larvae), White grubs, Wireworms: Pre-plant soil application: Use 1/4 pint in 100 gallons of water. Spray directly on soil, then disc as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

CELERY: Aphids, Caterpillars (including Climbing cutworm), Celery leafminer (larvae), Celery looper (larvae), Cucumber beetle, False celery leafminer, Flea beetles, Leafminers, Parsleyworm, Tarnished-plank bug, Thrips. Foliar application: Use 1/2 to 1/4 pint in 100 gallons of water. Do not apply when plants are half grown or begin to bunch.

Cutworms, Diabrotica beetles (larvae), White grubs, Wireworms: Pre-plant soil application: Use 1/2 to 1/4 pint in 100 gallons of water. Spray directly on soil, then disc as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil. For garden symphylan, apply the higher dosage for heavy infestation.

COLLARDS: Aphids, Cabbage looper, Climbing cutworms, Flea beetles, Imported cabbage worm, Leafminers (including Serpentine leafminer), Plant bugs, Southern cabbage worm, Thrips. Foliar application: Use 1/4 pint in 100 gallons of water. Do not apply after edible parts start to form.

Cutworms, White grubs, Wireworms: Pre-plant soil application: Use 1/2 pint in 100 gallons of water. Spray directly on soil, then disc as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

BEST AVAILABLE COPY

LINDANE 400

EPA REG. NO. 34704-

CUCUMBERS: Aphids, Climbing cutworm, Cucumber beetles, Grasshoppers, Leafminers, Lygus bugs, Melonworms, Pickleworm, Plant bugs, Squash bug, Squash vine borer, Thrips. Foliar application: Use 1/8 to 1/4 pint in 100 gallons of water. Apply when plants first break through the ground or when plants are about 1 inch in height. Repeat as needed. For Cucumber beetles and Thrips, apply the lower dosage of the range. For Melonworm and Pickleworm, apply when worms are first seen in the blossoms and repeat at 7 day intervals or as needed. For squash vine borer, thoroughly cover stems and vines at the base of plants.

Cut worms, Diabrotica beetles (larvae), White grubs, Wireworms. Preplant soil application: Use 1/8 to 1/4 pint in 100 gallons of water. Spray directly on soil, then disc as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

Garden symphylan: Preplant soil application: Use 1/2 to 1 pint in 100 gallons of water. Spray directly on soil, then disc as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil. For heavy infestation apply at higher dosage.

EGGPLANT: Aphids, Climbing cutworms, Flea beetles, Lace bugs, Leafminers, Plant bugs, Squash bug, Squash vine borer, Thrips. Foliar application: Use 1/8 to 1/4 pint in 100 gallons of water. Do not spray after edible parts start to form.

KALE: Aphids, Cabbage looper, Climbing cutworms, Flea beetles, Imported cabbage worm, Leafminers (including Serpentine leafminer), Plant bugs, Southern cabbage worm, Thrips. Foliar application: Use 1/4 pint in 100 gallons of water. Do not spray after edible parts start to form.

Cutworms, Diabrotica beetles (larvae), White grubs, Wireworms. Preplant soil application: Use 1/8 to 1/4 pint in 100 gallons of water. Spray directly on soil, then disc as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

Garden symphylan: Preplant soil application: Use 1/2 to 1 pint in 100 gallons of water. Spray directly on soil, then disc as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil. For heavy infestation apply at higher dosage.

LETTUCE: Aphids, Cutworms, Flea beetles, Leafminers, Thrips, Webworms, White flies. Foliar application: Use 1/8 to 1/4 pint in 100 gallons of water. Do not apply to leaf lettuce after seedling stage or to head lettuce after heads begin to form.

Cutworms, Diabrotica beetles (larvae), White grubs, Wireworms. Preplant soil application: Use 1/8 to 1/4 pint in 100 gallons of water. Spray directly on soil, then disc as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

Garden symphylan: Preplant soil application: Use 1/2 to 1 pint in 100 gallons of water. Spray directly on soil, then disc as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil. For heavy infestation apply at higher dosage.

MELONS: Aphids, Climbing cutworm, Cucumber beetles, Garden symphylan, Grasshoppers, Leafminers, Lygus bugs, Melonworms, Pickleworm, Plant bugs, Squash bug, Squash vine borer, Thrips. Foliar application: Use 1/8 to 1/4 pint in 100 gallons of water. Apply when plants first break through the ground or when plants are about 1 inch in height. Repeat as needed. For Cucumber beetles and Thrips, apply the lower dosage of the range. For Melonworm and Pickleworm, apply when worms are first seen in the blossoms and repeat at 7 day intervals or as needed. Do not apply after blossoms open. Late foliar treatment may result in reduction of quality of harvest. For Squash vine borer, thoroughly cover stems and vines at the base of plants.

Cutworms, Diabrotica beetles (larvae), White grubs, Wireworms. Preplant soil application: Use 1/8 to 1/4 pint in 100 gallons of water. Spray directly on soil, then disc as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

OKRA: Cutworms, White grubs, Wireworms. Preplant soil application: Use 1/2 pint in 100 gallons of water. Spray directly on soil, then disc as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

ONIONS, JRY: Thrips. Foliar application: Use 1/8 to 1/4 pint in 100 gallons of water. Apply when post count average 5 to 6 per plant. Repeat in 5 to 6 days. A third application may be needed.

Onion maggot. Soil application: Use 1/2 pint in 100 gallons of water. Apply as a preplant soil application under OKRA) or at planting time or when plants are 2 to 3 inches tall.

PEPPERS: Aphids, Armyworm, Climbing cutworms, Cucumber beetle, Flea beetle, Leafminers, Thrips. Foliar application: Use 1/8 to 1/4 pint in 100 gallons of water. Do not spray after edible parts start to form. For armyworm apply at higher dosage.

Cutworms, White grubs, Wireworms. Preplant soil application: Use 1/2 pint in 100 gallons of water. Spray directly on soil, then disc as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

PUMPKIN: See Cucumber.

SPINACH: See Lettuce.

SQUASH: See Cucumber.

TOMATOES: Aphids, Climbing cutworms, Colorado potato beetle, Cucumber beetles, Flea beetles, Leafminers, Plant bugs Thrips. Foliar application: Use 1/8 to 1/4 pint in 100 gallons of water. Do not spray after fruit start to form. For Leafminers apply at the higher dosage.

Cutworms, Diabrotica beetles (larvae), White grubs, Wireworms. Preplant soil application: Use 1/8 to 1/4 pint in 100 gallons of water. Spray directly on soil, then disc as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

Garden symphylan. Preplant soil application: Use 1/2 to 1 pint in 100 gallons of water. Spray directly on soil, then disc as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

IMPORTANT: SOIL APPLICATION: Do not make soil application to root crops, which might absorb a musty flavor. Do not apply in soil which will be planted to root crops (except potatoes) within 1 year. Do not use in soil which will be planted to potatoes within 2 years.

NOTE: Applicators must wear water resistant hat, lightweight protective suit or coverall, unlined waterproof gloves (natural rubber, neoprene, or polyethylene), and unlined lightweight boots. Mixer/loaders must wear goggles or a face shield, waterproof apron, and unlined waterproof gloves.

ORNAMENTALS

ORNAMENTAL LAWNS: Ants, Armyworms, Billbugs (larvae), Crickets, Cutworms, Fiery skipper (larvae), Fleas, Leafhoppers, Otiorthynx weevils (larvae), Spittlebugs, Sod webworms, Spiders, Symphylans, Ticks, Thrips, White Grubs, Wireworms. Foliar application: Use 1/4 pint per 5000 sq. ft. in at least 12 gallons of water. (This is equivalent to 1 quart in 100 gallons of water per acre, or 1 pound of active ingredient per acre.) Apply to established lawns. Mow lawn and water thoroughly 1 to 2 days prior to treatment. On dichondra and matted grass lawns, sprinkle lightly immediately after treatment to improve effectiveness. Heavy watering or irrigation should be withheld for 2 to 3 days following treatment. Repeat at 4 to 6 week intervals if needed.

NOTE: Keep children and pets off treated areas until material has been washed into the soil and the grass is completely dried.

Applicators must wear the following protective clothing during the application process: long-sleeved shirt, long pants, waterproof gloves, full foot and a head covering.

GROWN FOR GRASS SEED: Billbugs (larvae), White fly larvae, March fly larvae. Foliar application: Use 1 1/2 to 2 pints per acre in sufficient water for thorough coverage.

IMPORTANT: Do not use seed for Food, Feed and Oil purposes.

ORNAMENTAL PLANTS: Aborvitae, Ash, Aster, Azalea, Beech, Boxelder, Boxwood, Camellia, Carnation, Chestnut, Christmas Tree Plantations, Chrysanthemum, Coleus, Cottonwood, Dahlia, Daisy, Delphinium, Dogwood, Elm, Euonymus, Fir, Flowering Cherry, Flowering Ornamental Fruit Trees, Forsythia, Gardenia, Geranium, Gladiolus, Hawthorn, Heather, Hemlock, Hibiscus, Holly, Horsechestnut, Hydrangea, Iris, Japanese Black Pine, Juniper, Larkspur, Lilac, Lilies, Linden, Locust, Maple, Mountainash, Narcissus, Nasturtium, Oak, Ornamental and/or Shade trees, Ornamental Deciduous Trees, Pansy, Peony, Petunia, Pine, Poinsettias, Primrose, Pyracantha, Rhododendron, Rose, Sycamore, Snapdragon, Spirea, Sweet Pea, Tulips, Willow, Yew, Zinnia.

PESTS: Foliar application: Ants, Aphids, Armyworms, Black vine weevil, Blister beetles, Boxwood leafminer, Boxwood psyllid, Cabbage looper, Cucumber beetles, Diabrotica beetles, Flea beetle larvae, Fuller rose beetle, Grasshoppers, Japanese beetle, Lace bugs, Leaf hoppers, Leafminers, Leaf rollers, Plant bugs, Psylla, Rose chafer, Rose leaf beetle, Spittlebugs, Strawberry root weevils (adults), Symphylans, Tarnished plant bugs, Thrips, White flies. Use 1/2 pint per acre, apply in sufficient water for thorough coverage. Repeat applications as necessary or as indicated, depending upon size, density of plants and infestation. Foliar application: Iris borer, Twig girdler. Use 1 1/4 pints per acre in 100 gallons of water, apply in sufficient water for thorough coverage. Repeat applications as necessary or as indicated, depending upon size, density of plants and infestation.

Bark Application: Pine bark adelgid, Douglas fir beetles, Hairy pine beetles, Western pine beetles, Two-lined chestnut borer, Carpenterworm, Elm borer, Pine root collar weevil, White pine weevil, Sugar maple borer, Bark beetles, Black turpentine beetle. Use 3 pints in 100 gallons of water. Spray trunk and branches of growing trees. Apply when immature adelgids are present. On Aspen apply in spring when bud begin to break. Repeat in 10 to 14 days. A minimum of 3 applications is necessary for effective control; May 10 to 15, June 1 and July 1. Lilac borer, Bronze birch borer, Locust borer, Woodborer insects, Roundheaded borer, Zimmerman pine moth, Honeylocust borer, Red turpentine beetle, Rhododendron borer, Roundheaded Apple-tree borer. Use 1 to 1 1/4 pints in 100 gallons of water. Spray trunk and branches of growing trees. A minimum of 3 applications is necessary for effective control; May 10 to 15, June 1 and July 1.

Carpenterworm, Dogwood borer, Leopard moth, Azalea stemborer, Flatheaded wood borer, Roundheaded wood borer, Flatheaded apple-tree borer. Use 1 1/2 pints in 100 gallons of water. Spray trunk and branches of growing trees. A minimum of 3 applications is necessary for effective control; May 10 to 15, June 1 and July 1. For White pine weevil use as a delayed dormant application. Apply thoroughly to entire tree in late April when buds swell.

BEST AVAILABLE COPY

696

LINDANE 400

EPA REG. NO. 34704-

Bulb Application: Aphids, Bulb flies, European corn borer, Iris borer, Thrips, Wireworms. Use 1/2 pint in 100 gallons of water. Apply as a spray when pest first appear and repeat as needed.

Soil treatment: Billbug larvae, Webworm, Wireworm, Cutworm. Use 1 gallon per acre. Apply in sufficient water for thorough coverage. Spray directly on soil, then disc as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

NOTE: This material is toxic to many plants. Use should be made cautiously until the matter of phytotoxicity is determined. Do not use on birch or aspen. Applicators must wear the following protective clothing during the application process: long-sleeved shirt, long pants, waterproof gloves, full foot covering, and a head covering.

ORNAMENTAL EVERGREENS: Austrian Pine, Azalea, Douglas Fir, Monterey Pine, Ponderosa, Scotch Pine, Southern yellow Pine, Spruce (including Norway Spruce and White Spruce), White Fir, White Pine, Rhododendron.

PESTS: Foliar application. Aphids, (including balsam twig aphid and white pine aphid) Birch leafminer, Elm leafminer, European Hornet, Lace Bugs, Psyllids, Spittlebugs, Strawberry root weevils (adults), Thrips. Use 1 1/2 pints in 100 gallons of water. Apply in spring when buds begin to break. Repeat in 10 to 14 days. For aphids, apply when present in summer and fall.

Bark application: Austrian Pine, Pine bark adelgid. Use 1/4 pint in 100 gallons of water. Apply when immature adelgids are present.

Soil treatment: Billbug larvae, Webworm, Wireworm, Cutworm. Use 1 gallon per acre in 100 gallons of water apply in sufficient water for thorough coverage. Spray directly on soil, then disc as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

NOTE: This material is toxic to many plants. Use should be made cautiously until the matter of phytotoxicity is determined. Do not use on birch or aspen. Applicators must wear the following protective clothing during the application process: long-sleeved shirt, long pants, waterproof gloves, full foot covering, and a head covering.

NOTE: Applicators must wear water resistant hat, lightweight protective suit or coverall, unlined waterproof gloves (natural rubber, neoprene, or polyethylene), and unlined lightweight boots. Mixer/loaders must wear goggles or a face shield, waterproof apron, and unlined waterproof gloves.

OUTDOOR STRUCTURES AND BARN

Ants, Bed bug complex, Cockroaches, Fleas, Flies (including house fly and stable fly), Gnats, Midges, Mosquitoes, Silverfishes, Spiders, Ticks. Spray application: use 1 quart in 100 gallons of water. Residual premise treatment. For crawling insects thoroughly spray all baseboards, cracks, floors, and other places where pest hide, also spray any pest present. For flying insects apply as a coarse spray to walls, ceilings beams, screens window frames, partitions, and similar places where pest congregate. Repeat as needed. Applications may be made to interior and exterior surfaces, adjacent fences, and weedy foliage. Do not allow livestock to graze treated foliage. Do not use in dairy barns or poultry houses. Cover feed and water troughs before spraying or wash thoroughly with a pressure hose before spray deposit dries. Remove animals prior to application.

NOTE: Applicators must wear water resistant hat, lightweight protective suit or coverall, unlined waterproof gloves (natural rubber, neoprene, or polyethylene), and unlined lightweight boots, and an MSHA/OSHA approved respirator. Mixer/loaders must wear goggles or a face shield, waterproof apron, and unlined waterproof gloves.

BEEF CATTLE

Ticks, hornflies, screwworm's, spine ear ticks. Use 7 1/2 ounces per 100 gallons for dip. Used dip solutions must be disposed of in accordance with the Resource Conservation and Recovery Act (RCRA). If the applicator generates more than 1000 kg (2200 lbs.) of used dip solution per month, or more than 1000 kg (2200 lbs.) of used dip solution in combination with other hazardous waste, the material must be treated as hazardous waste subject to subpart c of RCRA. Any user who wishes to treat, store or dispose of hazardous waste must obtain a permit to serve as a hazardous waste facility pursuant to RCRA. Do not apply to dairy cattle. Do not dip these animals within 60 days of slaughter, do not apply to these animals within 30 days of giving birth to young, nor for at least 3 weeks thereafter. Do not treat nursing animals. Do not apply to calves less than 3 months old. Do not treat animals in cold stormy weather. Do not treat overheated or sick animals. Make sure animals are well watered prior to being dipped to prevent them from drinking the treating dip. Thoroughly stir the treating vats before using. If any separation of emulsion occurs, do not use the dip.

Do not apply to feed forage to be fed or grazed by livestock or poultry; do not contaminate feed or food crops. Do not use on poultry or in poultry houses. Do not use on Dairy animals.

NOTE: Applicators must wear water resistant hat, lightweight protective suit or coverall, unlined waterproof gloves (natural rubber, neoprene, or polyethylene), and unlined lightweight boots. Mixer/loaders must wear goggles or a face shield, waterproof apron, and unlined waterproof gloves.

NOTICE

Platte Chemical Co. 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 the 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 Platte. In no case shall Platte 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. Platte makes no warranties of Merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated as above.

BEST AVAILABLE COPY

MANUFACTURED FOR
PLATTE CHEMICAL CO.
150 SO. MAIN STREET FREMONT, NEBRASKA 68025