

GENERAL DIRECTIONS

Can be used in conventional hydraulic sprayers and low-volume ground applicators. Not recommended for airplane application.

Soil Treatments:

Follow state and Federal recommendations. Increase dosages 100% on peat and muck soils.

TERMITE CONTROL

Specific Directions for Commercial Operators

To control termites, add 1 pint CHLORDANE EM-8 to 12 gallons of water. Apply the resulting emulsion at the following rates:

(A) BUILDINGS WITH CRAWL SPACES

- (1) Apply 2 gallons per 5 linear feet to critical areas only under the house... (2) Along the outside of foundation walls, dig a narrow trench... (3) Apply 1 gallon per 10 square feet of soil surface under attached porches... (4) Treat all voids in hollow masonry units of the foundation...

(B) BUILDINGS WITH CONCRETE SLAB ON THE GROUND

- (1) Apply 1 gallon per 10 square feet as an overall treatment under the slab... (2) Apply 2 gallons per 5 linear feet to critical areas only under the slab... (3) Along the outside of foundation walls, dig a narrow trench... (4) Treat all voids in hollow masonry units of the foundation...

(C) BUILDINGS WITH BASEMENTS

- (1) Apply 1 gallon per 10 square feet as an overall treatment under the basement... (2) Apply 2 gallons per 5 linear feet to critical areas only under the basement... (3) Along the outside of foundation walls, dig a narrow trench... (4) Treat all voids in hollow masonry units of the foundation...



E.P.A. Reg. No. 9859-63

CHLORDANE EM-8

An Emulsifiable Concentrate Containing 8 lb. of Chlordane per Gallon

Table with 2 columns: ACTIVE INGREDIENTS and BY WEIGHT. Includes Technical Chlordane** (73.4%), Petroleum Distillate (21.2%), and INERT INGREDIENTS (5.4%). TOTAL 100.0%.

**Equivalent to 44.1% Octachloro-4,7-methano-tetrahydroindane and 29.3% Related Compounds.

WARNING: KEEP OUT OF REACH OF CHILDREN. SEE SIDE PANEL FOR OTHER WARNINGS.

DO NOT EAT, DRINK, SPOON, POUR, SPILL, OR SPOON NEAR HEAT OR OPEN FLAME.

This product is toxic to fish, birds, and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams, or ponds. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

Do not reuse empty container. Destroy it by perforation or crushing. Burn or discard in a safe place away from water supplies.

MANUFACTURED BY LANDIA CHEMICAL CO. GAITHERSBURG, MD. 20878

ACCEPTED stamp

9859-63 handwritten number

HOUSEHOLD APPLICATION SPECIFIC DIRECTIONS FOR COMMERCIAL OPERATORS

HOUSEHOLD INSECTS: Against Roaches, Water Bugs, Ants, Silverfish, Brown Dog Ticks, Carpet beetles and Crickets, use 1 1/2 to 2 table-spoonful per quart of water or 1/2 to 1 fluid ounce per quart of water. Stir while mixing. Apply as coarse wet spray or with a paint brush on a spot basis to cracks, surfaces, or other areas where these insects have been seen resting, running or hiding. Repeat only as necessary for effective control. Do Not apply to plants, trees or to other materials that might be damaged by a water base spray.

SOIL INSECT CONTROL: The spray mixture may be applied either as a broadcast or row treatment. The rates given in the directions for soil insect control are for broadcast treatment of mineral soil. For peat or muck soils, use 1 1/2 to 2 times the above rates. For row treatments at planting time, use 1/4 to 1/3 the rates listed for broadcast treatments, and apply on both sides of the seed furrow for best results.

APPLICATION: A single application may be made when the soil is being prepared for planting or at planting time. CHLORDANE EM-8 should be diluted with sufficient water to assure adequate coverage. Crop spraying equipment with nozzles set close to the ground may be used to apply treatments. The spray mixture must be diked, harrowed or cultivated 3 to 6 inches into the soil immediately after treatment. Broadcast treatments are effective for 1 or more years and should be repeated after one year, only if necessary. Row treatments should be repeated each year. CORN (For Corn Rootworm) Apply 1 quart per acre as a broadcast treatment and work into the top few inches of the soil 1/2 quart per acre in the row at time of planting. SUGAR CANE (For Wireworms) Apply 1 to 2 quarts per acre to the seed furrows in furrows at the time of planting. TOBACCO (For Wireworms) Add 2 ounces to 50 gallons of water and add to newly set plants. Use at least 250 to 300 gallons of water per acre.

ORNAMENTAL TURF

For control of Japanese Beetle grubs, Armyworms, White Grubs, Grasshoppers, Sod Web Worms, Kille Crickets, and Ants in the turf on golf courses, athletic fields, cemeteries, parks, lawns, nurseries, and green-house soils where ornamentals are grown, use 2 1/2 pints per acre in the spring and fall, or when the insects become troublesome. When spraying, dilute by spraying with water. When preparing soils for planting, mix spray mixture 3 to 6 inches into soil. Birds feeding on treated areas may be killed.

SMALL FRUITS AND ORNAMENTALS

STRAWBERRIES, RASPBERRIES, BLUEBERRIES, NURSERY STOCK AND ORNAMENTALS: For White Grubs and Wireworms, use 2 1/2 pints per acre. For Root Weevil, use 1 1/2 quarts per acre. On Strawberries, apply as a pre-planting treatment. On other crops, apply as a pre-planting treatment or an early spring treatment before fruit starts to form. Work insecticide into soil immediately after application.

WARNING

Harmful if swallowed. Contact with skin can cause toxic symptoms. Avoid breathing spray mist. In case of contact with skin, wash with soap and water. Avoid contamination of feed and foodstuffs. Keep out of reach of children. Keep children and pets off treated areas until this material is washed into the soil and grass is dry.

ANTIDOTE

EXTERNAL-In case of exposure to skin, wash promptly with soap and water. INTERNAL-Emetic of 1 table-spoonful mustard in tumbler of water. Call a physician.

NOTICE

Seller makes no warranty expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and or handling of this material when such use and or handling is contrary to label instructions.

Cameraman's Note

Poor Copy

GENERAL DIRECTIONS

Can be used in conventional hydraulic sprayers, and low-volume ground applicators. Not recommended for airplane application.

Soil Treatments:

Follow state and Federal recommendations. Increase dosages 100% on peat and muck soils.

TERMITE CONTROL

Specific Directions for Commercial Operators

To control termites add 1 pint CHLORDANE EM-8 to 12 gallons of water (1.0% emulsion). Apply the resulting emulsion at the following rates:

(A) BUILDINGS WITH CRAWL SPACES

- (1) Apply 2 gallons per 5 linear feet to critical areas only under the house, such as along the inside of foundation walls, around piers, sewer pipes and conduits. Trench according to directions in Part (2) below.
- (2) Along the outside of foundation walls, dig a narrow trench, such trench to be dug no deeper than the top of the footings. If the trench is less than 15 inches in depth to the top of the footings, apply 1 gallon per 5 linear feet. Replace the soil and apply another 1 gallon per 5 linear feet to the back fill. Cover the back fill with a thin layer of soil. If the trench is more than 15 inches in depth to the top of the footings, apply 2 gallons per 5 linear feet. Replace the soil and apply another 2 gallons per 5 linear feet to the back fill. Cover the back fill with a thin layer of soil. A trench 30 inches deep is a maximum depth required alongside those foundations where the top of the footings is greater than 30 inches deep. In lieu of trenching to a 30" depth, make the trench 12 to 15" deep and rod to footing, spacing the holes about 1 foot apart.
- (3) Apply 1 gallon per 10 square feet of soil surface under attached porches, entrance platforms, utility entrances, and similar situations where slab or fill is at the grade level. Where crawl spaces exist, treat as described in part (1) above.
- (4) Treat all voids in hollow masonry units of the foundations at the rate of at least 1 gallon per 5 linear feet of wall. It is best to apply the chemical near the footing.

(B) BUILDINGS WITH CONCRETE SLAB ON THE GROUND

- (1) Apply 1 gallon per 10 square feet as an over-all treatment under the slab as well as under attached porches, entrance platforms, utility entrances and similar situations where slab or fill is at grade level. In case of washed gravel, cinders, or similar coarse material, increase the dosage by at least one-half.
- (2) Apply 2 gallons per 5 linear feet to critical areas only under the slab, such as along the inside of foundation walls, around sewer pipes, conduits, etc. Trench as in part (3) below.
- (3) Along the outside of foundation walls, dig a narrow trench no deeper than the top of the footings, but no deeper than 15 inches, unless the footing is much deeper in some places on account of the slope of the land, then treat as under (A) (2).
- (4) Treat all voids in hollow masonry units of the foundations at the rate of at least 1 gallon per 5 linear feet of wall. It is best to apply the chemical near the footings.



E.P.A. Reg. No. 985

CHLORDAN

**An Emulsifiable Concentrate
8 lb. of Chlordane per**

ACTIVE INGREDIENTS:

Technical Chlordane**	. . .
Petroleum Distillate	. . .

INERT INGREDIENTS:

TOTAL: . . .

**Equivalent to 44.1% Octachlorotetrahydroindane and 29.3%

WARNING: KEEP OUT OF RE

SEE SIDE PANEL FOR OTHER

those foundations where the top of the footings is greater than 30 inches deep. In lieu of trenching to a 30" depth, make the trench 12 to 15" deep and rod to footing, spacing the holes about 1 foot apart.

- (3) Apply 1 gallon per 10 square feet of soil surface under attached porches, entrance platforms, utility entrances, and similar situations where slab or fill is at the grade level. Where crawl spaces exist, treat as described in part (1) above.
- (4) Treat all voids in hollow masonry units of the foundations at the rate of at least 1 gallon per 5 linear feet of wall. It is best to apply the chemical near the footing.

(B) BUILDINGS WITH CONCRETE SLAB ON THE GROUND

- (1) Apply 1 gallon per 10 square feet as an over-all treatment under the slab as well as under attached porches, entrance platforms, utility entrances, and similar situations where slab or fill is at grade level. In case of washed gravel, cinders, or similar coarse material, increase the dosage by at least one-half.
- (2) Apply 2 gallons per 5 linear feet to critical areas only under the slab, such as along the inside of foundation walls, around sewer pipes, conduits, etc. Trench as in part (3) below.
- (3) Along the outside of foundation walls, dig a narrow trench no deeper than the top of the footings, but no deeper than 15 inches, unless the footing is much deeper in some places on account of the slope of the land, then treat as under (A) (2).
- (4) Treat all voids in hollow masonry units of the foundations at the rate of at least 1 gallon per 5 linear feet of wall. It is best to apply the chemical near the footings.

(C) BUILDINGS WITH BASEMENTS

- (1) Apply 1 gallon per 10 square feet as an over-all treatment under the basement flooring, as well as under attached porches, entrance platforms, utility entrances, and similar situations where slab or fill is at the grade level. In case of washed gravel, cinders, or similar coarse material, increase the dosage by at least one-half. Where crawl spaces exist, treat as described in part (2) below.
- (2) Apply 2 gallons per 5 linear feet to critical areas only under the basement floorings, as well as porches and entrances having crawl spaces, such as along the inside of foundation walls, around sewer pipes, conduits, piers, etc. Trench according to directions in part (3) below.
- (3) Along the outside of foundation walls, dig a narrow trench, such trench to be dug no deeper than the top of the footings. If the trench is less than 15 inches in depth to the top of the footings, apply 1 gallon per 5 linear feet. Replace the soil and apply another 1 gallon per 5 linear feet to the back fill. Cover the back fill with a thin layer of soil. If the trench is more than 15 inches in depth to the top of the footings, apply 2 gallons per 5 linear feet. Replace the soil and apply another 2 gallons per 5 linear feet to the back fill. Cover the back fill with a thin layer of soil. A trench 30 inches deep is a maximum depth required alongside foundations where the top of the footings is greater than 30 inches deep. In lieu of trenching to a 30" depth, make the trench 12 to 15" deep and rod to footing, spacing the holes about 1 foot apart.
- (4) Treat all voids in hollow masonry units of the foundation at the rate of 1 gallon per 5 linear feet of wall. It is best to apply the chemical near the footing.

**An Emulsifiable Concentrate Containing
8 lb. of Chlordane per Gallon**

ACTIVE INGREDIENTS:

Technical Chlordane**
Petroleum Distillate

INERT INGREDIENTS:

TOTAL

**Equivalent to 44.1% Octachlorocyclopentadiene and 29.3% Residual

WARNING: KEEP OUT OF REACH OF CHILDREN

SEE SIDE PANEL FOR OTHER WARNINGS

DO NOT USE, POUR, SPILL, OR STORE NEAR OPEN FLAME.

This product is toxic to fish, wildlife. Birds feeding on treated insects will be killed. Keep out of lakes, streams, rivers, or other bodies of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Aerial application only as specified on this label.

Do not reuse empty container. Do not perforate or crush. Bury in a safe place away from water supply.

MANUFACTURED BY

LANDIA CHEMICALS

LAKELAND, FLA. 33801

ACCEPTED

File 1574

INCO

No. 9859-63

DANE EM-8

Concentrate Containing
Chlordane per Gallon

	BY WEIGHT
Chlordane**	73.4%
Heptachlor Epoxide	21.2%
Heptachlor Chloride	5.4%
TOTAL	100.0%
1% Octachloro-4,7-methano-	
and 29.3% Related Compounds.	

KEEP OUT OF REACH OF CHILDREN.

SEE LABEL FOR OTHER WARNINGS.

DO NOT STORE NEAR HEAT OR

HOUSEHOLD APPLICATION SPECIFIC DIRECTIONS FOR COMMERCIAL OPERATORS

HOUSEHOLD INSECTS: Against Roaches, Water Bugs, Ants, Silverfish, Brown Dog Ticks, Carpet Beetles and Crickets, use 1-1/2 to 2 table-spoonsful per quart of water or 1/2 to 1 fluid ounces per quart of water. Stir while mixing. Apply as coarse wet spray or with a paint brush on a spot basis to cracks, surfaces, or other areas where these insects have been seen resting, running or hiding. Repeat only as necessary for effective control. Do Not apply to finished surfaces or to other materials that might be damaged by a water base spray. For Silverfish treat behind shelving, baseboards, in book cases and storage areas.

For Brown Dog Ticks treat repeatedly around baseboards, window and door frames, wall cracks, sleeping quarters of pets and localized areas of floors or floor covering. Do Not treat pets or other animals with this product. Use fresh bedding after treatment.

Against Ants in buildings treat trails and areas around window sills, window frames, water pipes, heat ducts, baseboards and other points of entry as often as needed for control. Find nests outside and treat them. For Carpet Beetles spray thoroughly infested area of carpets, localized areas of floors and baseboards and into cracks and under carpets where the pest may be found; repeating the application as often as necessary.

SOIL INSECT CONTROL

SOIL TREATMENT: The spray mixture may be applied either as a broadcast or row treatment. The rates given in the directions for soil insect control are for broadcast treatment on mineral soils. On peat or muck soils, use 1 1/2 to 2 times the given rates. For row treatments at planting time, use 1/4 to 1/3 the rates used for broadcast treatments, and apply on both sides of the seed furrow for best results.

APPLICATION: A single application may be made when the soil is being prepared for planting or at planting time. CHLORDANE EM-8 should be diluted with sufficient water to assure adequate coverage. Crop spraying equipment with nozzles set close to the ground may be used to apply treatments. The spray mixture must be disced, harrowed or cultivated 3 to 6 inches into the soil immediately after treatment.

Broadcast treatments are effective for 1 or more years and should be repeated after one year only if necessary. Row treatments should be repeated each year. CORN (For Corn Rootworm) Apply 1 quart per acre as a broadcast treatment and work into the top few inches of the soil. 1/2 quart per acre in the row at time of planting. SUGAR CANE (For Wireworms) Apply 1 to 2 quarts per acre to the seed pieces in furrows at the time of planting. TOBACCO (For Wireworms) Add 2 ounces to 50 gallons of water and add to newly set plants. Use at least 250 to 300 gallons of water per acre.

ORNAMENTAL TURF

(For control of Japanese Beetle Grubs, Army Worms, White Grubs, Grasshoppers, Sod Web Worms, Mole Crickets, and Ants in the turf on golf courses, athletic fields, cemeteries, parks and in nursery and greenhouse soils where ornamentals are grown): Use 2 1/2-3 pints per acre in the spring or early summer, or when the insects become troublesome. Wash spray off grass by sprinkling with water. When preparing soils for planting, mix spray mixture 3 to 6 inches into soil. Birds feeding on treated areas may be killed.

SMALL FRUITS AND ORNAMENTALS

STRAWBERRIES, RASPBERRIES, BLUEBERRIES, NURSERY STOCK AND ORNAMENTALS: For White Grubs and Wireworms use 2 1/2 pints per acre. For Root Weevil (Brachyrhinus) Larvae use 5 quarts per acre. On Strawberries, apply as a pre-planting treatment. On other crops, apply as a pre-planting treatment or an early spring treatment before fruit starts to form. Wash insecticide into soil immediately after application.

DANE EM-8

Concentrate Containing
Chlordane per Gallon

	BY WEIGHT
ne**	73.4%
ate	21.2%
.	5.4%
TOTAL	100.0%
1% Octachloro-4,7-methano-	
and 29.3% Related Compounds.	

KEEP OUT OF REACH OF CHILDREN.

SEE LABEL FOR OTHER WARNINGS.

DO NOT ILL, OR STORE NEAR HEAT OR

to fish, birds, and other
living on treated areas may
contaminate lakes, streams, or ponds.
Prevent water pollution by cleaning of equip-
ment and wash wastes. Apply this product
in accordance with this label.

Destroy it by
burning. Bury or discard in a
way that prevents water supplies.

MANUFACTURED BY

SOIL INSECT CONTROL

SOIL TREATMENT: The spray mixture may be applied either as a broad-
cast or row treatment. The rates given in the directions for soil insect con-
trol are for broadcast treatment on mineral soils. On peat or muck soils,
use 1 1/2 to 2 times the given rates. For row treatments at planting
time, use 1/4 to 1/3 the rates used for broadcast treatments, and apply
on both sides of the seed furrow for best results.

APPLICATION: A single application may be made when the soil is
being prepared for planting or at planting time. CHLORDANE EM 8
should be diluted with sufficient water to assure adequate coverage.
Crop spraying equipment with nozzles set close to the ground may be
used to apply treatments. The spray mixture must be disced, harrowed
or cultivated 3 to 6 inches into the soil immediately after treatment.

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repeated after one year only if necessary. Row treatments should be
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acre as a broadcast treatment and work into the top few inches of the
soil. 1/2 quart per acre in the row at time of planting. SUGAR CANE (For
Wireworms) Apply 1 to 2 quarts per acre to the seed pieces in
furrows at the time of planting. TOBACCO (For Wireworms) Add 2
ounces to 50 gallons of water and add to newly set plants. Use
at least 250 to 300 gallons of water per acre.

ORNAMENTAL TURF

(For control of Japanese Beetle Grubs, Army Worms, White Grubs, Grass-
hoppers, Sod Web Worms, Mole Crickets, and Ants in the turf on golf
courses, athletic fields, cemeteries, parks and in nursery and green-
house soils where ornamentals are grown): Use 2 1/2-3 pints per acre in
the spring or early summer, or when the insects become troublesome.
Wash spray off grass by sprinkling with water. When preparing soils for
planting, mix spray mixture 3 to 6 inches into soil. Birds feeding on
treated areas may be killed.

SMALL FRUITS AND ORNAMENTALS

STRAWBERRIES, RASPBERRIES, BLUEBERRIES, NURSERY STOCK AND
ORNAMENTALS: For White Grubs and Wireworms use 2 1/2 pints per acre.
For Root Weevil (Brachyrhinus) Larvae use 5 quarts per acre. On Straw-
berries, apply as a pre-planting treatment. On other crops, apply as a
pre-planting treatment or an early spring treatment before fruit starts to
form. Work insecticide into soil immediately after application.

WARNING

Harmful if swallowed. Contact with skin can cause toxic symptoms.
Avoid breathing spray mist. In case of contact with skin, wash with
soap and water. Avoid contamination of feed and foodstuffs. Keep out
of reach of children. Keep children and pets off treated areas until this
material is washed into the soil and grass is dry.

ANTIDOTE

EXTERNAL—In case of spillage on skin, wash promptly with soap and
water. INTERNAL—Emetic of 1 tablespoonful mustard in tumbler of
water. Call a physician.

NOTICE

Seller makes no warranty expressed or implied, concern-
ing the use of this product other than indicated on the
label. Buyer assumes all risk of use and or handling of
this material when such use and or handling is contrary
to label instructions.