

	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460	EPA Reg. Number:  11746-42	Date of Issuance:  JUL 19 1994
	NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration	Term of Issuance: Conditional	
	(under FIFRA, as amended)	Name of Pesticide Product: DAVIS KILL-A-BUG DIAZINON 4E	
Name and Address of Registrant (include ZIP Code): Louisiana Chemical USA, Inc. 6155 Evangeline Avenue Baton Rouge, LA 70815			
Note: Changes in labeling 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 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.  Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.  2. Make the labeling changes listed below before you release the product for shipment:  a. Add the phase "EPA Registration No. 11746-42"			
Signature of Approving Official:			Date:

EPA Form 8570-6

CONCURRENCES

SYMBOL	H 7505C						
SURNAME	LAO						
DATE	7/19/91						

b. The first paragraph under the heading **Food/Feed Areas of Food/Feed Handling Establishments** should be revised to read "Includes areas for receiving, storage (dry, cold, frozen, raw), preparing (cleaning, slicing, cooking, grinding), serving (when food is exposed and facility is in operation), packaging (canning, bottling, wrapping, boxing), edible waste storage, and enclosed processing systems (mills, dairies, and systems for processing edible oils and syrups).".

c. Under **Storage and Disposal** change "Open dumping prohibited." to "Open dumping is prohibited."

3. Submit three (3) 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 section 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.

Enclosures

# DAVIS KILL-A-BUG

## DIAZINON 4E

### INSECTICIDE

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

JUL 19 1994  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

11746-42

**Recommended for Commercial/Industrial Use Only**

**This product must not be used  
on golf courses and sod farms.**

**For Pest Control Indoors Including Food and Feed  
Handling Establishments  
Outdoors Use Only on Home Lawns and  
Landscaped Areas Around the Home**

**Spray Concentrate -- Contains Diazinon Insecticide**

**ACTIVE INGREDIENT:**

Diazinon: O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	47.5%
<b>INERT INGREDIENTS*:</b>	<u>52.5%</u>
Total	100.0%

\*Contains xylene range aromatic solvent.

Contains 4 lbs. of diazinon per gallon

**Keep Out of Reach of Children**

### CAUTION

**See back panel for additional precautionary statements.**

**NET CONTENTS: \_\_\_\_\_**

**LOUISIANA CHEMICAL USA, INC.  
6155 Evangeline Street; Baton Rouge, LA 70815**

**EPA Reg. No. 11746-(UE) EPA Est. 11746-LA-1**

**DIRECTIONS FOR USE  
AND CONDITIONS OF SALE AND WARRANTY**

**IMPORTANT:** Read the entire *Directions for Use* and the *Conditions of Sale and Warranty* before using this product. If terms are not acceptable, return the unopened product container at once.

**CONDITIONS OF SALE AND WARRANTY**

The *Directions for Use* of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with 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 LOUISIANA CHEMICAL USA, INC. or the Seller. All such risks shall be assumed by the Buyer.

LOUISIANA CHEMICAL USA, INC. warrants that this product conforms to the chemical description of the label and is reasonably fit for the purposes referred to in the *Directions for Use* subject to the inherent risks referred to above. LOUISIANA CHEMICAL USA, INC. makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall LOUISIANA CHEMICAL USA, INC. or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product.

LOUISIANA CHEMICAL USA, INC. and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing *Conditions of Sale and Warranty*, which may be varied only by agreement in writing signed by a duly authorized representative of LOUISIANA CHEMICAL USA, INC.

**DIRECTIONS FOR USE**

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

General Information: This product is an emulsifiable concentrate and is intended for use by pest control operators. Apply the product after dilution with water according to the directions for use for the control of those pests specified on this label. This product is not intended for use in preparing oil base sprays.

This product may be used indoors in households, apartments, and other structures including schools (except classrooms in use), hospitals (except in patient rooms while occupied), office buildings, museums, libraries, sports facilities, stores, warehouses, and food and feed handling establishments. Read and follow the *Precautions* listed below when applying this product in any of these indoor areas. This product is not approved for use in USDA Meat and Poultry Plants. In food and feed areas of food/feed handling establishments, this product may be applied only as a crack and crevice treatment or limited spot treatment. See the specific directions for use for treatment of these areas.

This product may also be used outdoors only on home lawns and ornamentals around the home. See the specific directions for use for treatment of these areas.

**INDOOR USE**

Indoors this product controls ants, brown dog ticks, carpet beetles, cockroaches (waterbugs), scorpions and spiders. In households and in food and feed areas of food/feed handling establishments, this product also aids in the control of the following exposed stages of pantry pests which come into contact with treated surfaces: drugstore beetle, cigarette beetle, flour beetle, Indian meal moth, rice weevil, and sawtooth grain beetle.

**Precautions:** (1)Do not use this product indoors as an overall surface spray or as a space spray; take care not to introduce this product into the air during application. (2)Use only in well ventilated areas. (3)Do not apply where children are likely to frequently contact treated surfaces. (4)Remove or cover fish bowls and remove pets before application. (5)Do not treat pets with this product. (6)Do not allow children or pets in treated areas until spray has dried. (7)Do not apply this product in patient rooms or in any rooms while occupied by the elderly or infirm. (8)Do not apply to classrooms when in use. (9)In institutions (including, but not limited to, office buildings, museums, libraries and sports facilities), do not apply this product when occupants are present in the immediate area. (10)The solvent used in this formulation is a petroleum distillate which may stain certain plastic, rubber and asphalt materials such as tiles and floor coverings. Do not treat such materials. (11)Avoid excessive wetting of carpets, floor coverings or unfinished materials because damage may occur. (12)Care should be taken to avoid spotting of walls, wall coverings and fabrics. (13)Do not apply directly to conduits, motor housings of electrical switch boxes. (14)Do not apply to areas, surfaces or utensils which will contact food or feed. (15)Exposed food should be covered or removed during application. (16)All food processing surfaces and utensils should be covered during application or thoroughly washed with soap and water before use. (17)If clothing is sprayed during application, remove clothing immediately after spraying, wash affected body areas with soap and water, and launder clothing before wearing again.

**Mixing Instructions:** Dilute this product with water to make a ½% or 1% spray and apply as indicated below.

Gallons of Finished Spray	Amount of This Product to Use For	
	½% Spray	1% Spray
1	1¼ fl.oz.*	2½ fl.oz.
2	2½ fl.oz.	5 fl.oz.
3	3¾ fl.oz.	7½ fl.oz.
10	12½ fl.oz.	25 fl. oz. (1⅓ pts.)
25	32 fl. oz. (2 pts.)	64 fl.oz. (4 pts.)

\*2½ tablespoons = 1¼ fl.oz.

**Indoor Use (Except Food and Feed Handling Establishments) - Households, Apartments and Non-Food Areas of Offices, Schools (except classrooms in use), Libraries, Hospitals (except patient rooms while occupied) Museums and Sports Facilities** (See *Food and Feed Handling Establishments* for special directions when applying this product in food handling or serving areas in non-residential buildings):

**Cockroaches (Waterbugs), Ants, Silverfish:** Make spot applications of ½% coarse spray or apply with a paintbrush to baseboards, areas around water pipes, cracks and crevices, surfaces behind and beneath cabinets, refrigerators, sinks, stoves and similar areas where these insects hide. For heavy cockroach infestations, make the first application at a strength of 1%, followed by monthly applications of ½% spray.

**Brown Dog Ticks:** Make thorough application of a ½% spray to infested areas around baseboards, window and door frames, wall cracks, sleeping quarters of household pets, and localized areas of floors and floor coverings. Do not use as an overall surface spray. Fresh bedding should be placed in animal quarters following treatment. Do not treat animals with this product.

6079

**Carpet Beetles:** Apply a ½% spray in spot applications along baseboards and edges of carpeting, under carpeting and rugs and furniture, in closets and on shelving, and wherever these insects are seen or suspected.

**Spiders and Scorpions:** Apply a ½% spray around windows, doors, and along baseboards. Make spot applications to other areas over which these pests may crawl.

**Pantry Pests (Exposed stages of Sawtoothed grain beetle, Flour Beetle, Rice Weevil, Cigarette beetle, Drugstore beetle, Indian meal moth):** Apply a ½% spray to shelves and cupboards where food containers suspected of being infested are stored. Remove all food and shelving paper before spraying. Do not replace the food packages until spray has dried. Cover shelves with shelving paper. This treatment is supplemental to good housekeeping, since it will have no effect on insects breeding within food packages. Infested food packages should be destroyed.

**Food and Feed Handling Establishments:** Places other than private residences in which food or feed is held, processed, prepared or served (includes restaurants, canneries, bakeries, food processing plants, mills and dairies). This product may be used in the food/feed areas and the non-food/non-feed areas of these establishments. Apply this product either as a limited spot or crack and crevice treatment as directed below.

**Food/Feed Areas of Food/Feed Handling Establishments:** Include areas for receiving, serving, storage (dry, cold, frozen or raw), packaging (canning, bottling and grinding), enclosed processing systems (mills, dairies and systems for processing edible oils and syrups). **APPLICATION OF THIS PRODUCT IN THE FOOD/FEE AREAS OF FOOD HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK AND CREVICE TREATMENT OR LIMITED SPOT TREATMENT IS NOT PERMITTED.**

**Limited Spot Treatment:** Apply this product diluted to ½-1% as a coarse, low pressure fan spray around water pipes and door frames, to surfaces beneath cabinets, refrigerators, sinks, stoves, storage areas, and similar floor areas. Limit spot treatments to floor surfaces where pests have been seen or where they are suspected of hiding. Limit the sum of individual spot treatments to an area no larger than 20% of the floor surface area. Any individual spot treatment must not exceed 2 square feet.

**Crack and Crevice Treatment:** Apply this product diluted to ½-1% with equipment capable of delivering a pin stream of insecticide. Apply in small amounts directly into cracks and crevices in such areas as expansion joints, spaces between equipment and the floor, openings leading to voids, and hollow spaces in walls and equipment legs and bases.

**Non-Food/Non-Feed Areas of Food/Feed Handling Establishments:** Include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage areas (after canning or bottling). **Spot Treatment:** Apply this product diluted to a ½-1% spray. Apply as a coarse, low pressure fan spray as a spot treatment along baseboards, to areas around water pipes, beneath cabinets, to surfaces behind and beneath sinks, lockers and pallets; and to storage areas where cockroaches, ants, silverfish and spiders hide.

**BEST AVAILABLE COPY**

**OUTDOOR USE**

For control of pests on lawns and on ornamentals around the home only.

**Precautions:** (1) Do not use this product on ornamentals or on turf areas other than around the home. (2) Do not apply this product through any type of irrigation system. (3) This product is highly toxic to bees exposed to direct treatment or to residues on blooming plants. Do not apply this product nor allow it to drift

to blooming plants if bees are visiting the treatment area. (4) Birds, especially waterfowl, feeding or drinking on treated area may be killed. (5) Because of the migratory habits of certain Atlantic coast waterfowl, do not apply this product to lawns in Nassau County, NY between November 1 and May 20. (6) Do not exceed maximum permitted label rates since rates above those recommended significantly increase potential hazards to birds and waterfowl. (7) Avoid overlapping of sprays. (8) If waterfowl, i.e., ducks, geese, can be expected in the treated lawn after treatment (except spot treatment) water lawn with at least 1/4 inch of water immediately after spraying this product, however, stop watering before puddling occurs. (9) Wear a long-sleeved shirt and long-legged pants when spraying. Spray with the wind to your back. Do not spray on windy days. If clothing becomes wet from spray during use, remove clothing after spraying. Wash affected body areas thoroughly with soap and water, and launder clothing before wearing again.

**Pests of Ornamental Plants:** To control certain pests on Arborvitae, Azalea, Birch, Boxwood, Camellia, Carnation, Chrysanthemum, Douglas fir, Elm, Gladioli, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Oak, Pine, Ornamental Plum, Poplar, Rhododendron, Rose, Spruce and Willow, apply the recommended rates indicated in the following chart. Try to spray underside of leaves and penetrate dense foliage. *Precaution: Do not use on Ferns, Poinsettia, Hibiscus, Papaya, Pilea and Gardenia since injury to the plants may occur.*

Pests	Amount of This Product to Use Per 3 or Per 100 Gallons of Water	
Aphids, Bagworms, Carnation bud mites, Carnation shoot mites, Clover mites, Cyclamen mites, Dipterous leaf-miners, European pine shoot moths, European red mites, Flea beetles, Holly bud moths, Leafhoppers, Obscure root weevils, Omnivorous leaf-tiers, Privet mites, Scale crawlers: Cottony cushion, Lecanium, Pine needle, San Jose scale, Thrips, Two-spotted spider mites, Juniper Webworms, Whiteflies	1/2 fl.oz.*	1 pt.*
Apple-and-thorn skeletonizers, Cotoneaster webworms, Fall webworms, Hemlock chermes, Oak loopers, Oblique-banded leafrollers, Pear slugs, Tent caterpillars	1 1/2 fl.oz.*	3 pts.*

\*1 fl.oz. = 2 tbsp.; 16 fl.oz. = 1 pt.

**Mimosa Webworm:** Mix 1/2 fl.oz. (1 tablespoon) in 3 gals. of water (or 1 pt. in 100 gals. of water) and apply as a thorough foliar spray when adults first appear. Make a second and third application at 4-5 week intervals.

**Home Lawn Pests:** To control pests listed below, apply recommended rates.

Pests	Rate Per 1,000 Sq. Ft.		Remarks
	This Product	Water	
Lawn cinch bugs	2-3 fl.oz.	3 gals.	Use higher rate for longer residual control and in lawns of dense growth, such as St. Augustine lawns.

Pests	Rate Per 1,000 Sq. Ft.		Remarks
	This Product	Water	
Ants, Armyworms, Bermudagrass mites, Clover mites, Springtails (Collembola), Crickets, Cutworms, Digger wasps, Earwigs, Frit Flies, Lawn billbugs, Leafhoppers, Sod webworms (Lawn moth), Sowbugs (pillbugs)	2-3 fl.oz.	3 gals.	Spot spray anthills and wasp ground nest openings.  For digger wasps, apply at dusk when the wasps are not active.  For frit flies, mow grass and water well before treatment but delay application until grass is dry.
Brown dog ticks, Chiggers, Fleas	3 fl.oz.	3 gals.	<b>Note:</b> Do not apply to animals. For brown dog ticks, spray grass and under shrubbery, particularly near house.
Hyperodes weevil	3 fl.oz.	3 gals.	Treat problem areas in mid-April and again in mid-may.
Millipedes	3 fl.oz.	3 gals.	
Rhodesgrass scales	3 fl.oz.	3 gals.	Apply when crawlers first emerge.
White grubs (such as Japanese beetle larvae, European chafer, Southern chafer)	3 fl.oz.	3 gals.	Apply any time between late July and early October.

**Nuisance Pests Outside the Home:** Ants, Boxelder Bugs, Brown Dog Ticks, Chiggers, Clover Mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Millipedes, Sowbugs (Pillbugs), Spiders and Springtails (Collembola): Mix 3 fl.oz. in 3 gallons of water. Thoroughly spray window and door screens and sills, foundations, porch and patio walls, entranceways, walks, garbage cans, tree trunks, and into cracks and other places where insects can hide. Repeat application as necessary. To prevent entry of insects into the house, spray a five-foot band of soil around the house next to the foundation and spray the foundation of the house to a height of 2-3 feet. Repeat application as necessary.

**Storage and Disposal**

Do not contaminate water, food or feed by storage or disposal. Open burning prohibited.

**Pesticide:** 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:** Triple rinse or equivalent. Then offer for recycling, reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take care to avoid contamination of equipment and facilities during cleanup and disposal of wastes.



**PRECAUTIONARY STATEMENTS**

**Hazards to Humans & Domestic Animals**

**CAUTION:** Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye injury. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse. Avoid contamination of food and feed. Food utensils such as table-spoons or measure cups must not be used for food purposes after use in measuring pesticides. Keep out of reach of domestic animals. Do not use on humans, household pets or livestock. Do not permit children or pets to go onto treated areas until spray has dried. Do not contaminate ornamental fish ponds.

**Statement of Practical Treatment**

**If Swallowed:** Call a physician or poison control center immediately. **DO NOT INDUCE VOMITING.** Vomiting may cause aspiration pneumonia. Do not give anything by mouth if person is unconscious or convulsing. **If Inhaled:** Remove person to fresh air and apply artificial respiration if indicated. Get medical attention. **If On Skin:** Wash promptly with plenty of soap and water. Rinse thoroughly. Get medical attention if irritation persists. **If in Eyes:** Rinse eyes with plenty of water. Get medical attention. **Note to Physician:** Solvent may present aspiration hazard. Gastric lavage may be indicated if product was taken internally. Diazinon is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

**Environmental Hazards**

This product is highly toxic to birds, fish and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Apply this product only as specified on this label. Because of the migratory habits of certain Atlantic Coast waterfowl, do not apply this product to lawns in Nassau County, NY between November 1 and May 20. Do not exceed maximum permitted label rates since rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of sprays. For lawns, if waterfowl, i.e., ducks or geese, can be expected in the treated area after treatment (except spot treatment), water lawn with at least 1/4 inch of water immediately after spraying this product, however, stop irrigation before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab and other aquatic life are important resources. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.

This pesticide is highly toxic to bees exposed to direct treatment or residues on blooming plants. Do not apply this pesticide or allow it to drift to blooming plants if bees are visiting the treatment area.

**Physical or Chemical Hazards**

Do not use, pour, spill or store near heat or open flame.

**BEST AVAILABLE COPY**