

PM 19 10107-155

1915

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460  <b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREГИSTRATION <i>(Under the Federal Insecticide, Fungicide,          and Rodenticide Act, as amended)</i>	EPA REGISTRATION NO.	DATE OF ISSUANCE
	10107-155	
	TERM OF ISSUANCE Until Reregistration	
NAME OF PESTICIDE PRODUCT Parathion E8		

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

**Cornbelt Chemical Company**  
 P.O. Box 410  
 McCook, Nebraska 69001

**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 following label changes:

- a. Add the phrase, "EPA Registration No. 10107-155."
- b. Revise the Restricted Use Statement to read as follows:

For retail sale only to certified commercial aerial applicators or persons under their direct supervision. For use only by certified commercial aerial applicators. Direct supervision for this product is defined as the certified commercial applicator being physically present during mixing, loading, repair and cleaning of application equipment. Certified commercial applicators must also ensure that all persons involved in these activities are informed of the precautionary statements.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
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- c. The parathion technical ingredient used in this formulation contains 95% pure active ingredient and 3% related compounds. The active ingredient statement for this product must be revised to reflect these percentages, it should be written as follows:

ACTIVE INGREDIENT

Parathion (O,O-diethyl O-p-nitrophenyl phosphorothioate).....	76.80%
Related compounds.....	3.40%
INERT INGREDIENTS.....	<u>19.80%</u>
Total	100.00%

- d. In the Statement of Practical Treatment, delete the phrase "...for at least 15 minutes" from the instructions for "If In Eyes".
- e. In the following sentence change the word "resistant" to "registrant":

The closed-system must provide for adequate rinsing of any removable probe and of all containers that are not labeled for return to the registrant.

- f. In the information listed under "Poisoning Symptoms", add the words "on contact" to the second sentence, as follows:

It rapidly enters the body on contact with all skin surfaces and eyes.

- g. The Environmental Hazards Statement must be revised to read as directed by the 1986 Ethyl Parathion Registration Standard for Nongranular products (non-aquatic uses):

This pesticide is highly toxic to fish and wildlife. Birds in treated areas may be killed. Do not apply directly to water or wetlands (swamps, marshes, bogs and potholes). Run-off and drift from target areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water by cleaning of equipment or disposing of equipment washwaters.

- h. Delete the statement: "Before Use Read Warning and Notice Statements Carefully".
- i. Delete the heading "Warning Notice" since the term "warning" is considered to be a signal word. Use the heading "Conditions of Sale" or "Warranty Statement".

- j. On the front page delete both the heading "Post Treated Area" and the sentence "Consult your State Agricultural Service or Experiment Station regarding posting treated area" since the posting requirements are contained elsewhere on the label.
- k. Under soybeans, delete the directions listed for control of white grubs and wireworms (broadcast 1/2 gallons per acre...).
- l. On page two, insert the word "only" into the information for LIMITS ON APPLICATION, Aerial Application ("This product may only be applied aerially...").
- m. In the Directions for Use on Small Grains (wheat, barley), change "cinch bugs" and "false cinch bugs" to "chinch bugs" and "false chinch bugs".
- n. Correct the Preharvest Interval (PHI) for cotton to 7 days.

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.

*DATE*  
Dennis H. Edwards Jr.  
Product Manager 19  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

enclosure

## Precautionary Statement

### Hazards to Humans and Domestic Animals

#### DANGER—POISON

##### POISONOUS IF SWALLOWED

IF SWALLOWED - Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

##### POISONOUS BY SKIN CONTACT

Poisonous if touched by hands or spilled or splashed on skin, in eyes or on clothing (liquid goes through clothes).

##### POISONOUS IF BREATHED

Breathing vapors, spray mist or dust may be fatal.

### WORK SAFETY RULES

The National Pesticide Telecommunication Network is available for recommendations regarding poisoning management, emergency treatment, and other information regarding the toxicity of parathion. The toll free number for the National Pesticide Telecommunication Network is 1-800-858-7378. If handled indoors, provide mechanical exhaust ventilation. Keep all unprotected persons, children, livestock and pets away from treated area or where there is danger of drift. Do not rub in eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away. See First Aid (Practical Treatment) section.

**IMPORTANT:** If pesticide comes in contact with skin, wash off with soap and water and contact a physician immediately. Always wash hands, face, and arms with soap and water before smoking, eating, drinking or talking.  
**AFTER WORK:** Before removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower using soap and water. Wear only clean clothes when leaving the job. Do not wear contaminated clothing. Personal clothing worn during work must be stored and laundered separately from protective clothing and household articles. Store protective clothing separately from personal clothing. Clean or launder protective clothing after each use. Respirators must be cleaned and filters replaced according to instructions included with the respirators. Protective clothing and protective equipment heavily contaminated or drenched with parathion must be destroyed according to state and local regulations. Heavily contaminated or drenched clothing cannot be adequately decontaminated. During aerial application, human ladders are prohibited.

#### PROTECTION OF APPLICATORS, MIXER-LOADERS AND MAINTENANCE PERSONNEL

**Applicator Protection:** The cockpit of the aircraft used to apply this product must be fully enclosed while the product is being applied. No pilot may apply this product if the pilot has earlier during the day of application performed any mixing/loading activities (other than acting as an observer) involving any pesticide product containing parathion.

**Maintenance Personnel Protection:** The following protective clothing and equipment must be worn during repair, cleaning of application equipment, and disposal of pesticide: Waterproof-suit of one or two pieces covering all parts of the body except the head, hands and feet; heavy-duty chemical-resistant gloves; chemical resistant shoes (or chemical resistant shoe coverings or chemical resistant boots); safety goggles, or face shield; hood or wide-brimmed hat; NIOSH approved respirator.

**Mixer-Loader Protection:** An observer must be present during all mixing/loading activities in order to furnish assistance in the event of an accident. The observer may not act as a mixer/loader.

Any person involved in mixing/loading activities (other than the observer) must wear a cotton or other fabric coverall worn over a long-sleeved shirt and long pants, chemical resistant boots and gloves, and when the mixing/loading system is pressurized, a chemically resistant apron and a face shield or goggles.

The liquid pesticide must be removed from its original shipping container and transferred through connecting hoses, pipes, and/or couplings that are sufficiently tight to prevent handlers, or other persons from contacting the parathion concentrate, use dilution, or rinsate solution. A complete seal by dry break or screw-on coupling to the opening of the original container shall be required.

All hoses, piping, tanks, and connections used in the system shall be of a type appropriate for the product being used and the pressure and vacuum levels involved. The system shall be designed and operated so that the concentrated form of this product is not under more than 25 psi of pressure at any point in the system beyond or downstream from a pump producing positive pressure. The dosed system must be adequate to make necessary measurements of the product being used. External sight gauges shall be equipped with valves so that the flow of pesticide to the sight gauge can be shut off in case of breakage or leakage from the gauge.

Shut-off devices must be installed on the end of all hoses and at all disconnect points to prevent leakage of parathion when the transfer is stopped and the hose is removed or disconnected. If a hose carried parathion concentrate and has not been rinsed in accordance with the instructions in this section, a dry-couple shutoff device that will minimize parathion drippage to not more than 2 ml per disconnect must be installed at the disconnect point. If the hose carried diluted-for-use parathion or rinsate solution, a reversing action pump or a similar system that will empty the hose and eliminate dripping of liquid from the end of the hose may be used as an alternative to a shut-off device.

In mixing/loading operations do not pour the product from its container. Before opening the container, make sure that the container is resting securely on the ground or a sturdy support, with the top (opening) end up and approximately level. Remove the product from the container only by use of a vacuum-producing pump system connected to a probe system that is listed by the State of California under the State's program establishing criteria for closed-system handling of Toxicity Category I pesticides. Examples of California-listed systems are Chemprobe Model R system sold by Chempro Mfg. Co., Inc., P.O. Box 2174, Gaines Co., 80902 Phone 408-422-5477, or the Protect-O-Loader, Model XM-1 system sold by Protect-O-Loader Co., 20185 Firerock Road, Bend, Or 97701, Phone 503-382-8888. The probe system shall be screwed into the threaded opening in the top of the container to form a watertight connection, using appropriate adaptors provided by the probe manufacturer as necessary. The instructions provided by the seller of the probe system shall be followed, except that a removable probe may not be removed from the container until the container is empty and the container and probe have been thoroughly rinsed as required by this section.

The closed-system must provide for adequate rinsing of any removable probe and of all containers that are not labeled for return to the resister. Rinsing must be done using a liquid that contains no pesticide. The rinsing system must be capable of spray-rinsing the inner surface of the container. The rinse solution shall be removed from the pesticide container concurrent with the introduction of a rinse medium. The rinse solution shall go into the pesticide mix tank or applicator vehicle via the dosed system.

The system shall be rinsed according to the specifications of the manufacturer of the probe system, or, in the absence of such specifications, by moving at least one half of the container volume through the system. A minimum pressure of 15 psi shall be used for the spray rinse. Parathion containers shall be protected against excessive pressure during the container rinse operation. Measures shall be taken to prevent the spray rinse procedure from causing an increase in pressure on the inside of the container walls of more than 5 psi.

Either the operator of the dosed system must have available at the time of operation a complete set of written instructions for proper operation of the system, or the certified applicator must document in writing before an operator uses the dosed system that the operator has been adequately trained in the proper operation of the system.

#### HUMAN FLAGGERS ARE STRICTLY PROHIBITED DURING AERIAL APPLICATION.

#### INCIDENT REPORTING

A telephone notification must be made if mixing, loading, or use of a product containing parathion results in inadvertent or unexpected human exposure to the product or illness resulting from exposure to the product, spill of the product, an investigation by Federal, State or local authorities of allegations involving drift of the product, or the deaths of birds or other wildlife. The certified applicator or owner of the treated land must notify by telephone the Chief, Compliance Branch, Office of Compliance Monitoring, U.S. EPA, at 202-260-3373 within seven days of becoming aware of the incident.

## RESTRICTED USE PESTICIDE

Due to Very High Acute Toxicity to Humans and Birds.

For retail sale to, and only to be applied aerially, and only by certified commercial applicators, or persons under their direct supervision and only for those uses covered by the certified applicator's certification. Direct supervision for this product is defined as the certified applicator being physically present during application, mixing, loading, repair, and cleaning of application equipment. Commercial certified applicators must also ensure that all persons involved in these activities are informed of the precautionary statements.

### STOP-READ LABEL BEFORE USING!

POISON  
See Side Panels  
for Antidote  
& Precautions



DANGER  
Keep Out of  
Reach of  
Children

# CORNBELT

## Parathion E8

ACCEPTED  
with COMMENTS  
in EPA Letter Data

For use only on alfalfa, barley, corn, cotton, sorghum,  
soybeans, sunflower, and wheat. OCT 30 1991

Emulsifiable Insecticide Concentrate

Product contains 8 Pounds Parathion per gallon

#### ACTIVE INGREDIENTS:

Parathion -  
[O,O-Diethyl O-p-nitrophenyl phosphorothioate]

#### INERT INGREDIENTS\*\*\*

TOTAL

\*\* Ethyl parathion

\*\*\* Contains 10.2% of aromatic petroleum solvent

Under the Federal Insecticide, and Rodenticide Act as amended, for the pesticide Parathion E8.

10107-155

### STATEMENT OF PRACTICAL TREATMENT

**FIRST AID TREATMENT:** Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to parathion and describe his condition.

**IF BREATHING HAS STOPPED:** Start artificial respiration immediately and maintain until doctor sees victim.

**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, or, if available, by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.

**IN CASE OF CONTACT:** Immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. See doctor immediately. For help with any spill, leak, fire or exposure involving this material call day or night (800) 424-9300. See additional PRECAUTIONARY STATEMENTS on side & back panels.

### STOP! READ THE LABEL

KEEP OUT OF REACH OF CHILDREN

DANGER—POISON

PELIGRO

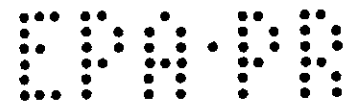
PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente.

EPA Reg. No. 10107-  
EPA Est. No. 2737-KS-1

Manufactured For:  
CORNBELT CHEMICAL CO.  
P. O. Box 410, McCook, NE 69001

Do Not Re-Use This Container For Any Purpose

Net Contents \_\_\_\_\_



### DIRECTIONS FOR USE (cont)

#### RE-ENTRY & WORKER SAFETY STATEMENT

Re-entry into treated fields before expiration of the re-entry interval as specified on this label is prohibited, unless the protective clothing and equipment specified on this label are used.

CROP	RE-ENTRY INTERVAL	STATES
Corn	6 days	All States
Cotton	3 days	All States
All Other Crops	3 days	All States

After application of parathion, no person may enter or remain in the treated area or within 100 feet of the treated area before the reentry interval specified on the label has expired, except that persons may enter to perform scouting or irrigation-related work in accordance with the following requirements:

- (a) No entry is allowed under any circumstances for the first 4 hours following end of the application.
- (b) No person shall remain in areas under reentry restrictions for a total of more than 1 hour in any 24-hour period.
- (c) Before a person may enter an area where reentry is restricted, the person must have read the product labeling or have been informed, in a language that the person can understand, of all the requirements of the product's labeling related to human hazards or precautions, first aid, symptoms of poisoning, personal protective equipment specified for early entry, and any other labeling requirements related to safer use.
- (d) All persons entering a restricted area before the expiration of the reentry period must wear personal protective equipment consisting of cotton or other fabric coveralls over long sleeved shirts and long pants, chemical resistant boots, and chemical resistant gloves.
- (e) No person is allowed to perform any restricted-reentry activity without implementing, when appropriate, measures to prevent heat-related illness.
- (f) During any restricted-reentry activity, any person entering restricted areas must carry an eye-flush dispenser containing at least one pint of water.
- (g) During any restricted-reentry activity, a reasonably accessible decontamination site must be available with adequate supplies of potable water for washing, soap, and single use towels.
- (h) After restricted-reentry activity, every person entering the treated area must be provided soap, clean towels, and a sufficient amount of potable water so that each person may, and does, wash thoroughly after removing personal protective equipment.
- (i) All personal protective equipment worn during restricted reentry must be laundered separately from other clothing.
- (j) No person shall wear home any personal protective equipment worn during restricted reentry.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The areas being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until re-entry time has elapsed. Because certain States may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

#### POSTING OF TREATED AREAS:

Written or oral warnings must be given to workers who are expected to be in treated areas or in an area to be treated with this product. (Indicate specific oral warnings which inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated, and appropriate actions to take in case of accidental exposure.) When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warning signs must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: "DANGER. Area treated with Parathion EB on Date \_\_\_\_\_. Do not enter treated areas for \_\_\_\_\_ days unless appropriate protective clothing is worn. In case of accidental exposure, see Statement of Practical Treatment on product label."

### LIMITS OF APPLICATION

**Aerial Application Only:** This product may be applied aerially, and only by a certified commercial applicator as defined FIFRA § 2 (e)(3).

**Areas Where Application is Prohibited:** This product may not be applied within 100 feet of buildings, public roads or bodies of water. Parathion may not be applied within 100 feet of property lines unless the owner of the adjacent property has given written consent to the application and has been informed of the timing of the application and the appropriate reentry requirements.

**Drift Reduction Measures:** Do not apply this product if the wind exceeds 10 miles per hour. Apply only from nozzles located not more than 75% of the distance from the center of the aircraft to the wing tip or helicopter rotor tip.

**Notification to Land Owner:** A certified commercial applicator shall not apply this product to a person's property unless the applicator has notified the person in writing no more than 12 months before the date of the application of: the requirement that crops treated with parathion be harvested mechanically; the appropriate reentry interval and the requirements concerning reentry set forth on this label; and the incident reporting requirements set forth on this label.

### WARNING NOTICE

**CONDITIONS OF SALE:** 1. Cornbelt Chemical Company (Cornbelt) warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon. Cornbelt neither makes nor authorizes any agent or representative to make, any other warranty of FITNESS or of MERCHANTABILITY, guarantee or re-presentation, express or implies, concerning this material.

2. Critical and unforeseeable factors beyond Cornbelt's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control, and damages caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Cornbelt under 1. above) resulting from handling and use of this material.

### FIELD & FORAGE CROPS:

**DO NOT APPLY WITHIN 15 DAYS OF HARVEST, CUTTING OR FORAGE USE ON THE FOLLOWING CROPS; SOYBEANS (20) DAYS TO HARVESTING, CUTTING AND FORAGE.**

**ALFALFA (15)** - For aphids, alfalfa weevil larvae, and adult weevils, alfalfa caterpillars, armyworms up to third instar, clover leaf weevils, climbing cutworms, webworms, grasshoppers, crickets and tortricid moths, use 1/2 to 3/4 pint per acre. For alfalfa seed chalcids control on alfalfa grown for seed, use 1/4 to 3/4 pint per acre. For clover head weevils, spider mites, blister beetles, Asiatic garden beetles and green June beetles, use 3/8 to 3/4 pint per acre. Do not spray legumes during the bloom period to avoid injury to honey bees. California and Nevada regulations limit the use of this material to not more than 3/8 pint per acre.

**SMALL GRAINS (Wheat, Barley) (15)** - To control armyworms up to third instar, aphids, greenbugs, and winter grain mites, use 1/2 to 3/4 pint per acre. For thrips, use 1/4 to 3/8 pint per acre. For Say's plant bugs, use 3/8 pint per acre. For black grass bugs, stink bugs, white spider mites, leafhoppers, climbing cutworms, grasshoppers, and brown wheat mites, use 1/4 to 3/4 pint per acre for cinch bugs, and false cinch bugs. For bank grass mites, use 3/4 pints per acre.

**SOYBEANS (20)** - To control webworms, use 1/2 pint per acre. To control velvet bean caterpillars, green cloverworms, two-spotted mites and stink bugs, use 1/2 pint per acre. To control corn earworms and fall armyworms, use 1/2 to 3/4 pints per acre. To control white grubs and wireworms, broadcast 1/2 gallons per acre just prior to planting and thoroughly incorporate into upper 4 to 6 inches of soil.

**DO NOT APPLY WITHIN 12 DAYS OF HARVEST CUTTING OR FORAGE USE ON THE FOLLOWING CROPS.**

**SWEET CORN (12)** To control fall armyworms and silkflies, use 1/4 pint per acre. To control sap beetles and spider mites, use 1/2 pint per acre. To control corn earworm apply to silks as soon as they appear. Make 3 to 4 applications at 2 to 3 day intervals as infestation warrants. Re-apply immediately after rain. To control cinch bugs, use 3/4 pints per acre. If crop is intended for canning, consult your cannery fieldman prior to application.

**CORN (12)** - For control of European corn borers, use 1/2 to 1 pint per acre. Apply the first spray when 75% of the corn plants show "shot-hole" feeding and follow with two additional sprays at 5 to 7 day intervals. Use sufficient water per acre to provide complete coverage and be certain whorls of plant are well treated. For corn leaf aphids, use 1/4 pint per acre. For fall armyworms, corn earworms, corn rootworm adults, armyworms up to third instar, climbing cutworms, grasshoppers and Japanese beetles, use 1/2 pint per acre. To control stink bugs and spider mites, use 1/2 to 1 pint per acre. To control cinch bugs, use 3/4 pints per acre.

**SORGHUM (12)** - To control sorghum midge, apply at rate of 1/2 pints to 1/2 quart per acre, 2 applications 3 to 5 days apart when approximately 90% of the heads have completely emerged from the boot or not later than start of blooming. For aphids (including corn leaf aphid and greenbug) mites, use 1/8 pint to 1 pint per acre. For sorghum webworms, fall armyworms, armyworms up to third instar, and corn earworms, use 3/8 to 1 pint per acre. To control cinch bugs, use 3/4 pints per acre. Leaf injury may occur on some hybrid varieties of sorghum. Spray a few rows a week or so before booting to test effects on plants.

**DO NOT APPLY WITHIN 5 DAYS OF HARVEST ON THE FOLLOWING CROP.**

**COTTON (5)** - To control aphids, mites, cotton leafworms, cotton fleahoppers, garden webworms and thrips, use 1/4 pint per acre. For some spider mites, use 1/8 to 1/4 pint per acre. For cabbage loopers, use 3/8 to 1/2 pint per acre. For boll weevils and stink bugs, use 1/2 to 3/4 pint per acre. For salt-marsh caterpillars, use 1/2 to 1 pint per acre. For bollworms, cotton leaf perforators, Lygus bugs, false chinch bugs, serpentine leaf miners and southern garden leafhoppers, use 1/2 quart per acre. Use enough water for complete coverage. Make first application when insects appear and repeat at 7 day intervals if required. If desired, this formulation may be combined with other insecticides in a complete cotton spray program.

### MISCELLANEOUS

**SUNFLOWER (15)** - To control Stern weevil adults, Sunflower moth, Seed weevil adults, Banded sunflower moth, Sunflower maggot complex, sunflower seed midge, use 1 pint per acre as infestations or need develops. Be sure flower heads are thoroughly covered with spray.