

## CEDAR CHEMICAL CORPORATION

PROPANIL 60% WDG  
HERBICIDE

For Postemergence Control of Broadleaf and Grass Weeds in Rice Fields and Small Grains.

## Active Ingredient:

3',4'-Dichloropropionanilide	60.00
Inert Ingredients:	40.00
TOTAL	100.00

This product contains 0.6 lb. of 3',4'-Dichloropropionanilide (Propanil) per pound of formulated product

EPA Reg. No. 56077-40  
EPA Est. No. 56077-AK-1

PRECAUTION AL USUARIO: SI USTED NO LEE INGLES. NO USE ESTE PRODUCTO HASTA QUE LA ETIQUETA LE HAYA SIDO EXPLICADA AMPLIAMENTE

KEEP OUT OF REACH OF CHILDREN

CAUTION-CAUTION

## STATEMENT OF PRACTICAL TREATMENT:

If Swallowed: Induce vomiting immediately by drinking 1 or 2 glasses of water and sticking finger down throat. Get medical attention.

If on Skin: Wash contaminated areas thoroughly with soap and water. Do not reuse contaminated clothing until washed. Get medical attention if irritation persists.

If in Eyes: Flush with copious amounts of clean water. Get medical attention.

ACCEPTED

MAR 19 1991

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 56077-40

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**PRECAUTIONARY STATEMENTS  
CAUTION**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS:** Harmful if swallowed, absorbed through the skin or inhaled. Causes eye irritation. Avoid breathing spray mist or dust. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling. In case of contact, immediately flush eyes or skin with plenty of water. Remove contaminated clothing and wash before reuse. Get medical attention if irritation persists. 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.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water except as specified on this label. Do not contaminate water when disposing of equipment washwaters.

**AGRICULTURAL CHEMICAL  
DO NOT SHIP OR STORE WITH FOOD, FEEDS,  
DRUGS, OR CLOTHING.**

**FOR CHEMICAL SPILL, LEAK, FIRE OR  
EXPOSURE, CALL TOLL FREE 1-800-424-9300**

555 555 555

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**DIRECTIONS FOR USE:**

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

- **REENTRY STATEMENT:** Do not enter treated areas without protective clothing until sprays have dried. Protective clothing should include: hat or other suitable head covering, long sleeved shirt and long legged trousers, or a coverall type garment, shoes and socks.

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.

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. The front panel PRECAUTIONARY STATEMENTS should be read to workers as well as the instruction not to enter until sprays have dried. When oral warnings are given, warnings shall be given in language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information:

**CAUTION:** Area treated with PROPANIL on (date of application). Do not enter without appropriate protective clothing until sprays have dried. (Insert here Statements of Practical Treatment as on front panel.)

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**STORAGE AND DISPOSAL**

**STORAGE:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not store this product near fertilizers, seeds, insecticides, or fungicides. Containers should not be stacked more than 3 containers high. Reclose all partially used containers by thoroughly tightening screw cap. Damaged or leaking containers which contain product that cannot be used immediately should be transferred to suitable sound containers and properly marked. Any spilled material should be thoroughly swept up and transferred to the new container or disposed of as indicated under "Pesticide Disposal".

For safety and prevention of unauthorized use all pesticides should be stored in locked facilities.

To prevent accidental misuse, different pesticides should be stored in separate areas with enough distance between to provide clear identification. Opened, partially used pesticides should be stored in original containers when possible. When transfer to another container is necessary because of leakage or damage, carefully mark and identify contents of new container.

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**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

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#### WHERE TO USE

CEDAR CHEMICAL'S PROPANIL 60% WDG is used for postemergence control of broadleaf and grass weeds in RICE fields, and when tank mixed with MCPA, on SMALL GRAINS (See the "SMALL GRAIN" section for specific crops). Do Not apply this product (directly or indirectly) to any crop except rice, spring barley, durum or hard red spring wheat.

#### RICE WEEDS CONTROLLED

Barnyardgrass (watergrass), brachiaria, coffeeweed, crabgrass, croton, curly indigo, foxtail, goosegrass, gulf cockspur, mexicanweed, millet (Texas), paragrass, pigweed, sourdock, spearhead, wiregrass.

(PROPANIL 60% WDG will not control arrowhead, bermudagrass, cattail, duckweed, johnsongrass, nutgrass, red rice and sprangletop.)

#### GENERAL INFORMATION

Several important factors should be taken into account to achieve a high efficiency of selective weed control with PROPANIL 60% WDG. These include uniform application, growth stage and weather conditions. To assure uniform application mix the prescribed amount of PROPANIL 60% WDG with a sufficient volume of water to provide thorough coverage of target area. For aerial applications use approximately 10 gallons of water, or for surface (ground) applications 20-30 gallons of water per acre at sufficient spray pressure. Agitate tank mixes thoroughly and continuously. Avoid over and under application.

Growth stage of weeds is very important. Best results for selective weed control are obtained when most grasses have reached the 1 to 3 leaf stage.

Proper field preparation is essential to ascertain a relatively clon free and level surface and to obtain uniform flood levels and growth. Fields may be flushed prior to treatment to produce uniform and vigorous grass germination and growth. Drain water from fields prior to applying PROPANIL 60% WDG. Higher

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rates are recommended to control larger grasses or exposed weeds when rice fields are not completely drained. Inspect rice fields regularly to select the correct application time.

DO NOT apply this product through any type of irrigation system.

Weather conditions must be observed closely. Under cool weather conditions higher rates are required to achieve satisfactory control. Avoid application if rain threatens within 6 to 8 hours, or if wind velocities are high enough to cause drift and irregular spray patterns.

Do not apply when wind conditions will allow drift to adjacent, susceptible crops such as beans, soybeans, cotton, safflower, cucurbits, vegetables, orchards (such as almonds, prunes and grapes) and other sensitive crops.

Consult Extension Service for detailed application advice.

#### RECOMMENDED BROADCAST RATE

Apply 5.00 pounds of PROPANIL 60% WDG per acre when most grasses have reached 1 to 3 leaf stage. Use 6-2/3 to 10 pounds of PROPANIL 60% WDG per acre when the grasses are large (4 to 6 leaf stage) or when unseasonably cool weather conditions prevail or in cases where rice fields have not been drained completely and where weeds are large.

Barnyardgrass may be controlled up to 30 to 45 days after planting, before rice plants have reached the fully tillered growth stage.

NOTE: PROPANIL 60% WDG applied to rice after the 4 leaf stage may cause visible injury under some climatic conditions. Rice plants usually outgrow such injury.

NOTE: Water drained from treated rice fields must not be used to irrigate other crops or be released within 1/2 mile upstream of a potable water intake in flowing water (i.e. river, stream, etc) or within 1/2 mile of a potable water intake in a standing body of water such as a lake, pond or reservoir.

IN CALIFORNIA--Use PROPANIL 60% WDG only where rice fields are not completely drained. If higher water level is desired, reflood field after 12 hours and before 7 days after treatment. This will discourage new weed infestations. Do not apply PROPANIL 60% WDG within 14 days before or after insecticide applications. Serious injury to rice may occur.

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SMALL GRAINS  
WEEDS CONTROLLED

Foxtail (pigeongrass), kochia\*, lambsquarters, pigweed, wild buckwheat, wild mustard.

\* Suppression - may cause spotting, stunting or death of Kochia not exceeding the 4 leaf stage.

GENERAL INFORMATION

If another herbicide is required, a 3-day interval should be allowed between the application of a Propanil/MCPA combination and the other herbicide.

Growth stage of weeds is very important. Best results for selective weed control are obtained when foxtail (pigeongrass) is in the 1 to 3 leaf stage and other grasses have reached the 1 to 4 leaf stage.

Grain crops that have been or will be treated with Propanil/MCPA combination should not be treated with carbamate insecticides such as carbaryl (Sevin), methomyl (Lannate), or organophosphates (methyl parathion, Guthion) or severe injury or kill may result. If a foliar insecticide is necessary, malathion can be safely applied 14 days before or after treatment.

Do not spray a Propanil/MCPA tank mix on spring barley, durum, or hard red spring wheat if the field was treated the previous year with soil-applied systemic organophosphates (Counter, Disyston, Thimet) or that has been treated at planting time with soil-applied systemic insecticides (Disyston, Furadan, Thimet).

Do not mix or apply a Propanil/MCPA combination with any other pesticide, spray adjuvant or with fertilizer except as specifically recommended on this label.

Do not graze treated crop or cut for green chop feed.

SMALL GRAINS

(Hard Red Spring Wheat, Durum Wheat, and Spring Barley in North Dakota, South Dakota, Minnesota, and Montana)

A Propanil 60XWDG/MCPA tank mix is recommended for control of susceptible weed seedlings when applied as a single post emergence application at the rate of 1.6-1.9 lbs. Propanil 60DF plus 9-11 oz. of either MCPA LV Ester or SEE® MCPA LV Ester per acre (3.7 lbs. ai. per gallon). The lower rate should be applied when weed seedlings are growing under favorable soil moisture conditions. The higher

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rates are recommended when heavy weed pressure is present or less than favorable soil moisture conditions exist. Do not apply when soil moisture levels are deeper than 1.5 inches from the soil surface and active plant growth stops.

A Propanil/MCPA tank mix is most effective in controlling foxtail if spray applications are made when the majority of the emerged foxtail are in the 2 to 3 leaf stage. Effectiveness declines rapidly as the 4th leaf of the foxtail begins to emerge. Fields should be checked frequently for emerging foxtail starting 2 to 2-1/2 weeks after planting.

This tank mix may cause temporary yellowing or tip browning to the leaves of the grain crop 2 to 5 days after application. The effects are temporary and usually will disappear 10 to 14 days after application. New leaves will have normal green color. Application under adverse growing conditions may result in greater crop injury and slower recovery. Do not apply if frost is expected within 24 hours or when temperatures are above 85°F, especially with drying winds.

Applications should be made only to actively growing (healthy) grain crops in the seedling stages recommended below:

Crop	Seedling Stage
Hard Red Spring Wheat	2 to 5 leaf
Durum Wheat	2 to 4 leaf
Spring Barley	2 to 4 leaf

For ground application use a minimum of 10 gallons of water per acre and for aerial application use 5 gallons of water per acre.

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**CONDITIONS OF SALE AND WARRANTY**

**CEDAR AND SELLER OFFER THIS PRODUCT AND THE  
BUYER AND USER ACCEPTS THIS PRODUCT UNDER  
THE FOLLOWING AGREED CONDITIONS OF SALE AND WARRANTY.**

The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to take into account all variables and to eliminate all risks associated with its use. Injury or damage may result because of conditions which are beyond the control of Cedar Chemical Corporation or the Seller. Cedar warrants only that this product conforms to the chemical description on the label and is believed to be reasonably fit for the purposes referred to in the Directions for Use when used as directed under normal conditions. CEDAR CHEMICAL CORPORATION MAKES NO OTHER EXPRESSED OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. In no case shall Cedar or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. Any variation or exception from this warranty must be in writing and signed by an authorized Cedar representative.

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