



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 5905-77	2. EPA Product Manager	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Atlas Brand Propanil 4	PM#	
5. Name and Address of Applicant (Include ZIP Code) Helena Chemical Company 225 Schilling Boulevard, Suite 300 Collierville, Tennessee 38017 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION

MAR 11 2005

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Other Revisions  
Notification of Other Revisions per PR Notice 98-10. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged in:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container	<input type="checkbox"/> Glass
					<input type="checkbox"/> Paper
					Other (Specify) _____
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input checked="" type="checkbox"/> On Label	
6. Manner in Which Label is Affixed to Product Self Adhesive			<input checked="" type="checkbox"/> Lithograph Paper glued Stenciled	<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Mandy K. Styles	Title Product Registration Supervisor	Telephone No. (Include Area Code) (901) 752-4420
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  (Stamped)
2. Signature 	3. Title Product Registration Supervisor	
4. Typed Name Mandy K. Styles	5. Date 3/1/2005	

# ATLAS BRAND PROPANIL 4

## SELECTIVE HERBICIDE

For post-emergence control of Barnyard Grass and other weeds in Rice.

### ACTIVE INGREDIENT:

3',4'-dichloropropionanilide.....42.80%

INERT INGREDIENTS.....57.20%

TOTAL.....100.00%

Contains 4 pounds of propanil per gallon.

### KEEP OUT OF REACH OF CHILDREN CAUTION – PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

### PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS CAUTION

Irritating to eyes and skin. Harmful if swallowed or absorbed through skin. May be harmful if swallowed. Do not get in eyes or on skin. Wear eye and skin protection when handling. Do not take internally. Avoid breathing spray mist.

### FIRST AID

#### IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by the poison control center or doctor.
- Do not give anything by mouth to an unconscious or convulsing person.

#### IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

#### IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

### IF ON SKIN OR CLOTHING:

- Take off contaminated clothing
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment

Have the product container with you when calling a poison control center or doctor, or going for treatment.

### NOTE TO PHYSICIAN

Emesis is recommended.

### SEE INSIDE PANEL FOR ADDITIONAL PRECAUTIONS AND DIRECTIONS FOR USE.

EPA REG. NO. 5905-77

NET CONTENTS:

EPA EST. NO.

**MANUFACTURED BY**  
**HELENA CHEMICAL COMPANY**  
**225 SCHILLING BOULEVARD, SUITE 300**  
**COLLIERVILLE, TN 38017**

### PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves, made of waterproof materials, such as butyl rubber >14 mils, nitrile rubber > 14 mils, or neoprene rubber > 14 mils
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standards (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### USER SAFETY RECOMMENDATIONS

#### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and shrimp. 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 treat irrigation ditches, or water used for crop irrigation or water

used for domestic uses. Do not contaminate water when disposing of equipment washwaters.

Water drained from treated rice fields must not be used to irrigate other crops or 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.

Do not drain water from treated fields into areas where catfish farming is practiced.

Do not apply to fields where commercial crayfish farming is practiced, and do not drain water from treated fields into areas where crayfish farming is practiced.

This product may contaminate water through runoff following rainfall events and by seepage through levees. This product has a high potential for runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Levees should be constructed with adequate time prior to chemical application so that they are compacted to reduce seepage and to hold a 3-6 inch flood (2001 Mississippi Rice Growers Guide). Other guidance is located at

<http://agronomy.ucdavis.edu/uccerice/water/seep.htm> and from the document "Closed Rice Water Management Systems" from the National Resource Conservation Service of USDA. The University of Arkansas Rice Production Book (<http://www.uaex.edu/other-areas/publications/html>) also provides information concerning levee production.

This chemical has properties and characteristics associated with chemicals detected in ground water. The use of this chemical prior to flooding may result in some shallow ground water contamination due to cracks in the subsoil of the rice paddy.

**DIRECTIONS FOR USE**

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Do not apply this product through any type of irrigation system.

Do not apply within 60 days of harvest.

Do not rotate crops other than rice for 60 days following application.

Do not retreat with Propanil within 7 days of last application to rice.

Do not discharge water from treated rice paddies from 30 days following application.

**AGRICULTURAL USE REQUIREMENTS**  
 Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is:

- Coveralls
- Chemical resistant gloves, made of waterproof materials, such as butyl rubber >14 mils, nitrile rubber > 14 mils, or neoprene rubber > 14 mils
- Shoes plus socks
- Protective eyewear (goggles, face shield or safety glasses)

**CHEMIGATION PROHIBITION**

Do not apply this product through any type of irrigation system.

**PESTICIDE STORAGE AND DISPOSAL**  
 Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Do not use, pour, spill or store near heat or open flame. Store in a dry location away from children, animals, foods, feeds, seeds, or other agricultural chemicals. If entire contents are not used, protect remaining material from moisture and heat. Resealing by rolling top down and storage under roof are recommended. In the event of spillage, scrape up material and dispose of in accordance with **DISPOSAL**. Repackage and relabel usable product in a sound container. In case of fire or other emergency, report at once by toll-free telephone to 800-424-9300.

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

**DO NOT APPLY PROPANIL 4 WITHIN 4 DAYS** before or after insecticide applications because serious damage to rice may occur.

Do not apply to any crops other than rice.

Before applying **PROPANIL 4**, make sure the spray equipment is properly calibrated to avoid over-and under-treatment.

Do not apply **PROPANIL 4** under wind conditions which will allow drift to adjacent susceptible crops such as beans, soybeans, cotton, safflower, cucurbits, vegetables, orchards, and other sensitive crops. Wind velocity greater than 5 miles per hour will often cause applications to be streaked and give less than maximum herbicidal control.

**WEEDS CONTROLLED**

- Alligator Weed, *Alternanthera philoxeroides*
- Barnyard Grass (Watergrass), *Echinochloa crus-galli* or *Echinochloa Colo*
- Brachiaria, *Brachiaria* spp.
- Crabgrass, *Digitaria sanguinalis*
- Croton, *Croton capitatus*
- Curly indigo, *Aeschynomene virginica*
- Foxtail, *Setaria* spp.
- Goosegrass, *Eleusine indica*
- Gulf Cockspur, *Echinochloa crus-galli*
- Hoorah Grass, *Finbristylis miliacea*
- Mexican Weed, *Cyperus palustris*
- Paragrass, *Panicum polyanthum*
- Pigweed, *Amaranthus retroflexus*
- Redweed (Teaweed), *Melochia corchorifolia*
- Sour Dock, *Rumex crispus*
- Spearhead, *Rhynchospora comiculata*

**WEEDS NOT CONTROLLED**

- Arrowhead, *Sagittaria* spp.
- Bermudagrass, *Cynodon dactylon*
- Cattail, *Typha latifolia*
- Duck Salad, *Heteranthera* spp.
- Johnsongrass, *Sorghum halepense*
- Nutgrass, *Cyperus* spp.
- Red Rice, *Oryza sativa*
- Sprangletop, *Leptochloa* spp.

**DIRECTIONS FOR USE – RICE ONLY**

Do not use until you have also read the Directions for Use on this label.

**PROPANIL 4** is a post emergent herbicide for the control of many grasses and broadleaf weeds in rice fields only. It may be applied by either ground or aerial spray equipment after dilution and through agitation with water. **PROPANIL 4** is not a hormone-type herbicide, but kills susceptible plants by direct contact action. For this reason, thorough spray coverage of weeds to be killed is necessary for the best results.

**PROPANIL 4** should be applied when weeds and grasses are small. (See Directions for Use). Use only on fields which have been drained of flood water.

Rice fields to be treated should be inspected frequently before the application of **PROPANIL 4** to insure that barnyard or water grass is at the proper stage of growth (1-3 leaf stage with an occasional 4 leaf plant).

**NOTICE:** Never apply **PROPANIL 4** except as recommended on this label because use in any other way may result in damage or injury to person, animals, or crops, or other unintended consequences.

Do not drain water from treated fields into areas where catfish farming is practiced.

Do not apply to fields where commercial crayfish farming is practiced and do not drain water from treated fields into areas where crayfish farming is practiced.

Rice fields should be well prepared and free of large clods to obtain uniform germination of grasses and weeds, and to insure uniform flood levels. If necessary, fields may be flushed prior to treatment to produce uniform grass germination. If fields are flushed prior to treatment, flush in sufficient time so that grass and rice are growing vigorously at time of treatment. Water should be drained from fields before spraying so that grasses and weeds are fully exposed to the spray.

**PROPANIL 4** acts only on grasses and weeds which have already germinated. (Maximum action usually is not apparent until 3 to 5 days after application.) To prevent more weeds from germinating after treatment, fields should be flooded within 24 hours. Flooding after spraying will improve the grass after **PROPANIL 4** treatment.

In cases where flooding of the field would not be complete within 7 days or less after application of **PROPANIL 4**, it is best to treat a portion of the field, flood that treated portion, and then treat the remainder. This will help to prevent reinfestation of weeds and grasses. Higher rates (4-6 quarts) may be necessary on the remainder since the grass will be more mature.

If the rice is too small to maintain a flood on the field, treatment should be delayed until the rice is large enough. The grass may then be large enough to require 4-6 quarts of **PROPANIL 4**.

Avoid treatment if rain threatens within 6-8 hours or if high winds may cause uneven application or drift.

In case of unseasonably cool weather higher rates (4-6 quarts/acre) of **PROPANIL 4** may be necessary.

The number of leaves of barnyard or watergrass determines the time and amount of **PROPANIL 4** to spray regardless of the conditions grasses may reach the three leaf stage while still quite short or stunted, so special attention to stage of growth is necessary in these situation to avoid grasses becoming too mature for best results.

Apply 3 quarts of **PROPANIL 4** per acre when most grass has reached the one to three leaf stage. Use 4 to 6 quarts of **PROPANIL 4** per acre if grasses are larger with most in the four to six leaf stage. Mix **PROPANIL 4** thoroughly with water for spraying using vigorous mechanical agitation. For **AERIAL APPLICATION** dilute the proper amount of **PROPANIL 4** with 10 to 12 gallons of water per acre. For **GROUND APPLICATION** dilute the proper amount of **PROPANIL 4** with 15 to 25 gallons of water per acre. Lesser amounts of water often give inadequate coverage and may cause poor results.

If fields cannot be completely drained so that all grass is exposed a higher dosage of **PROPANIL 4** (4-6 quarts/acre) must be used.

**NOTICE:** When **PROPANIL 4** is applied, especially after the fourth leaf stage of growth of the rice, under some conditions visible leaf injury on rice may result. However, the rice plants quickly outgrow such injury when caused by the later applications.

**USE IN CALIFORNIA ONLY** – Where rice fields are not completely drained.

**Note:** Before using, read entire label.

To control watergrass, apply **PROPANIL 4** 30 to 45 days after planting before rice is fully tillered, when watergrass extends 6-8 inches above water surface. If rice has a deep flood, water level may be lowered 3-4 inches over highest part of field to expose 6-8 inches of watergrass. (When lowering water level do so slowly to avoid pulling down rice plants.) Use 4 quarts per acre if most grass has developed 3-5 leaves, use 5 quarts per acre if most grass has 5-6 leaves and use 6 quarts per acre if most grass has 7 or more leaves. Apply in no less than 10-12 gallons of water using a medium-fine spray.

If higher water level is desired after treating, re-flooding may be started 12 hours after treatment.

**CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES**  
**Read the Conditions of Sale - Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.**

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests

and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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HELENA CHEMICAL COMPANY

225 Schilling Blvd., Suite 300  
Collierville, Tennessee 38017  
Telephone: 901/761-0050

March 1, 2005

U.S. Environmental Protection Agency  
Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504C)  
1801 South Bell Street  
Crystal Mall #2, Room 266A  
Arlington, VA 22202-4501

RE: Notification to Add Other Revisions

To Whom It May Concern,

Enclosed, you will find Helena Chemical Company's Notification for numerous products. Helena has updated the copyright company name, all trademarks, and registered trademarks from Helena Chemical Company to Helena Holding Company. This has been done on the following products:

- Fyfanon 5lb. Emulsion 5905-7
- MSMA Plus 5905-66
- MSMA Arsonate Liquid 5905-67
- 2,4-D Amine 5905-72
- Atlas Brand Propanil 4 5905-77
- Helena Brand 2lb. Chlorate Defoliant Desiccant 5905-87
- 2,4-D LV Ester 4 5905-90
- Helena 2,4-D LV Ester 6 5905-93
- Helena Brand Fyfanon ULV Concentrate Insecticide 5905-112
- Helena 3lb. Chlorate Defoliant Desiccant 5905-118
- MSMA Plus HC 5905-164
- Helena Brand 10% Sevin Granules 5905-169
- Helena Brand 15% Sevin Granules 5905-180
- Helena Brand Propanil 4 5905-182
- Fyfanon The Premium Grade Malathion 5905-196
- Helena Brand Diuron 80WP Weed Killer 5905-245
- Diazinon AG500 5905-248
- Fyfanon 8lb. Emulsion 5905-250
- Helena Sevimol 4 Carbaryl Insecticide 5905-251
- Dusting Sulphur 5905-288

This should also be noted on all alternate brand names of the master labels.

In support of these Notifications, you will find the following:

- EPA Form 8570-1
- 1 copy of the revised label highlighted

If you have any questions, do not hesitate to call me at (901) 752-4420 or by fax at (901) 758-1694. Thank you for your assistance in this matter.

Sincerely,

Mandy K. Styles  
Product Registration Supervisor