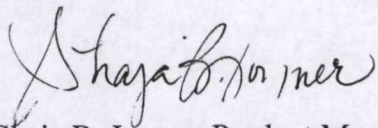
	<b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> <b>Office of Pesticide Programs</b> <b>Registration Division (7505P)</b> <b>Ariel Rios Building</b> <b>1200 Pennsylvania Ave., NW</b> <b>Washington, D.C. 20460</b>	<b>EPA Registration Number:</b>  264-1084	<b>Date of Issuance</b>  <b>FEB 02 2012</b>
		<b>NOTICE OF PESTICIDE:</b> <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration (under FIFRA, as amended)	
<b>Name and Address of Registrant (include ZIP Code):</b>  Bayer Cropscience LP 2 T.W. Alexander Drive Research Triangle Park, NC 27709		<b>Name of Pesticide Product:</b> Propulse	
<p><b>Note:</b> 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.</p>			
<p>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.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3 (c) (7) (A) provided that you:</p> <ol style="list-style-type: none"> <li>Submit/cite all data required for the registration/ reregistration of your product when the Agency requires all registrants of similar products to submit data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.</li> <li>Please make the following labeling changes:           <ol style="list-style-type: none"> <li>Page 2, under "Personal Protective Equipment," above the paragraph starting with "Follow manufacturer's instructions, add the heading "User Safety Requirements."</li> </ol> </li> </ol>			
<b>Signature of Approving Official:</b>   Shaja B. Joyner, Product Manager 20 Fungicide Branch Registration Division (7504P)		<b>Date:</b>  <b>FEB 02 2012</b>	



Continued from first page

EPA Registration. Number 264-1084

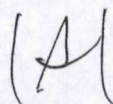
- b. Page 2, under "User Safety Recommendations" revise the second bullet to read: Remove clothing/PPE....."
- c. Page 2, under "User Safety Recommendations" revise third bullet to read: "User should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, was thoroughly and change into clean clothing."
- d. Page 3, move the "Storage and Disposal" section to the end of label, prior to the Warranty Statement.
- e. Page 5, under "Rotational Crop Restrictions," delete the last sentence "Any other crop not specified on the label may not be replanted for one year following fluopyram-treated crops."
- f. Page 6, under "Use Directions for Specific Crops," change the second and third column headings to "Application Rate, and Product Instructions, respectively."

3. Submit one (1) copy of the revised final printed label before the product is released for shipment.

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. If you have any questions, contact Lisa Jones of my team at (703) 308-9424 or jones.lisa@epa.gov.

Sincerely,



Shaja B. Joyner  
Product Manager (20)  
Fungicide Branch  
Registration Division (7504P)

- Enclosure:
- Stamped copy of label
  - Product chemistry review dated August 23, 2010
  - Acute toxicity review dated July 27, 2010
  - Ecorisk assessment dated May 17, 2011
  - Human health risk assessment dated November 30, 2011



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ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
FEB 02 2012

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
264-1084

GROUP	7	3	FUNGICIDE
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# PROPULSE™

A fungicide for control of diseases in dried beans, peanut, and sugarbeet

### ACTIVE INGREDIENT:

FLUOPYRAM\*: ..... 17.4%  
 PROTHIOCONAZOLE\*: ..... 17.4%

INERT INGREDIENTS: ..... 65.2%

Contains 1.67 lbs FLUOPYRAM and 1.67 lbs PROTHIOCONAZOLE per gallon Total 100.0%

\*(CAS Numbers 658066-35-4 and 178928-70-6)

Net Contents: XX

EPA Reg. No. 264-1084

EPA Est. No.

## KEEP OUT OF REACH OF CHILDREN

### FIRST AID

<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF INHALED</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

In case of spills, poisoning or fire call telephone emergency response number 1-800-334-7577 (24 hours a day).

Take container, label or product name and registration number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:** Treat Symptomatically. Medical Personnel should contact Bayer's medical information services, Toll Free: 1-800-334-7577

**For PRODUCT USE Information Call 1-866-99BAYER (1-866-992-2937)**



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## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Keep out of reach of children. Harmful if swallowed, inhaled, or absorbed through skin. Avoid contact with skin, eyes, or clothing.

#### Personal Protective Equipment (PPE):

Applicators and other handlers must wear long-sleeved shirt and long pants, shoes plus socks, and chemical-resistant (such as nitrile or butyl) gloves (if more options are needed, follow the instructions for category C on an EPA chemical-resistance category selection chart).

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

#### Engineering Control Statements:

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (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.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Wash the outside of gloves before removing.

### ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. This chemical has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow. This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having a medium potential for reaching both surface water and aquatic sediment via runoff several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of prothioconazole degradates from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Sound erosion control practices will reduce this product's potential to reach aquatic sediment via runoff.

### DIRECTIONS FOR USE

#### READ THE LABEL AND BROCHURE BEFORE USING

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

Read entire label before using this product.

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.



### 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 48 hours for all crops.**

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 over long-sleeved shirt and long pants, socks and shoes, and chemical-resistant gloves made of any of any waterproof material such as natural rubber  $\geq$  14 mils.

### STORAGE AND DISPOSAL

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

**Pesticide Storage:** Do not store below freezing. If stored for 1 year or longer, shake well before using. Store the tightly closed container away from feeds, seeds, fertilizer, plants and foodstuffs. Keep the product in the original container during storage.

**Pesticide Disposal:** Pesticide wastes may be toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of federal law. If these wastes cannot be disposed of by use according to label instruction, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

**Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. After triple rinsing procedure, dispose of container.

### PRODUCT INFORMATION

PROPULSE is a broad-spectrum fungicide with preventative, systemic and curative properties labeled for the control or suppression of certain crop diseases.

### LABELED USES

Dried beans, peanut, and sugarbeet.



**RESISTANCE MANAGEMENT**

The active ingredients in PROPULSE Fungicide belong to two different fungicide groups, the pyridinyl-ethylbenzamides (Group 7) and the DMI or demethylation inhibitors (Group 3). To maintain long-term effectiveness of this fungicide, follow the specific resistance management guidance listed at the bottom of each crop label. The following practices may delay the development of fungicide resistance.

**1. Start spray programs early:** Spray programs that begin before pathogens attack keep fungal populations low and reduce the likelihood of resistance. Consult your local extension specialist, certified crop advisor and/or manufacturer representative for recommendations on when to begin spray programs.

**2. Alternate products:** Use sprays programs that include alternation of products from different fungicide groups. Group numbers are listed in a box at the top right of product labels.

**3. Use at least the minimum labeled rate and do not extend spray intervals beyond label requirements:** Use of rates below the minimum labeled rate can shorten the useful life of a fungicide. Furthermore, stretching application intervals too long may leave a crop unprotected, allowing the pathogen population to multiply, and increasing the likelihood for resistance to develop.

**4. IPM:** Applications of fungicides should be integrated into an overall disease and pest management program. Cultural practices known to reduce disease development should be followed. Consult your local extension specialist, certified crop advisor and/or manufacturer representative for additional IPM strategies established for your area. This product may be used in Agricultural Extension advisory (disease forecasting or risk assessment) programs, which recommend application timing based on environmental factors favorable for disease development.

**APPLICATION INFORMATION**

Use sufficient water volume to provide thorough and uniform coverage to obtain the most effective disease control. Do not make applications when conditions favor drift. Avoid spraying when windy, high temperature, drought, dusty, low relative humidity, or temperature inversion conditions exist.

**Ground Application**

For ground application equipment, a minimum of **50** gallons of water per acre for tree crops and **10** gallons of water per acre for field and vegetable crops is required.

**Aerial Application**

For aerial application equipment, a minimum of **15** gallons of water per acre for tree crops and **5** gallons of water per acre for field and vegetable crops is required. No aerial application is allowed on Long Island, New York.

**SPRAY MIXING AND COMPATIBILITY**

Begin with clean spray equipment and add one-half of the required amount of water to the spray or mixing tank and start agitation. Add the required quantity of fungicide and the tank-mix partner if applicable to the water and complete filling with water to the required total volume. Follow the recommendations of your State Cooperative Extension Service for tank-mixing with other products. In general, follow the order beginning first with water soluble packaging (wait for it to completely dissolve), wettable powders and water-dispersible granular products, liquid flowables and suspension concentrates, and emulsifiable concentrates last. Maintain agitation throughout spraying. Non-ionic surfactants at a maximum of 0.125% v/v may be added to spray mixtures. Do not allow spray mixture to remain in the tank overnight, or for long periods during the day without



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agitation. When tank-mixing with other pesticides, observe the more restrictive label limitations and precautions.

PROPULSE is physically compatible with most commonly used fungicide, herbicide, insecticide, and foliar nutrient products. However, the compatibility of PROPULSE with all potential tank-mix partners has not been fully investigated. If tank mixing with other pesticides is desirable, conduct a jar test with the volumes and rates typically used in agricultural application. Using a small container of water, add the proportionate amounts of the products: wettable powders and water-dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 15 minutes. Look for signs of separation, globules, sludge, flakes, or other precipitates. Physical compatibility is indicated if the combination remains mixed or can be remixed readily.

The crop safety of all potential tank-mixes with PROPULSE has not been tested on all crops. Before applying any tank-mixture not specified on this label, safety to the target crop should be confirmed on a small portion of the crop to be treated to ensure an adverse response will not occur.

**GENERAL RESTRICTIONS AND LIMITATIONS**

Do not apply more than the maximum seasonal rate for each specific crop from any combination of products containing FLUOPYRAM or PROTHIOCONAZOLE.

**ROTATIONAL CROP RESTRICTIONS**

Areas treated with this product may be replanted immediately following harvest with any crop for which both a FLUOPYRAM and a PROTHIOCONAZOLE tolerance exist. This includes but is not limited to: dried beans, peanut, and sugarbeet. Alfalfa, apple, cherry, cotton, potato, strawberry, tree nuts, watermelon, and wine grapes may be planted into treated areas 30 days after the last application. Canola, cereal grains (except rice) and soybean may be replanted 30 days following fluopyram application on dried beans only. Any other crop not specified on the label may not be replanted for one year following fluopyram-treated crops.



**USE DIRECTIONS FOR SPECIFIC CROPS**

**DRIED BEANS (except soybean):**

Bean (*Lupinus* spp., includes grain lupin, sweet lupin, white lupin, and white sweet lupin), Bean (*Phaseolus* spp., includes field bean, kidney bean, lima bean, navy bean, pinto bean, tepary bean), Bean (*Vigna* spp., includes adzuki bean, blackeyed pea, catjang, Crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean), Broad Bean (dry), Chickpea, Guar, Lablab Bean, Lentil

Disease Control	Product Rate	Product Information
White mold ( <i>Sclerotinia sclerotiorum</i> )	10.3 fl oz/acre	Begin fungicide applications preventatively.  When disease pressure is high or when agronomic or weather conditions are conducive to disease development, continue applications as needed on a 7- to 14-day interval.  Use shorter intervals for best protection.
Ascochyta blight ( <i>Ascochyta</i> spp.)  Mycosphaerella blight ( <i>Mycosphaerella pinodes</i> )	6.8 – 10.3 fl oz/acre	Begin fungicide applications preventatively.  When disease pressure is high or when agronomic or weather conditions are conducive to disease development, continue applications as needed, on a 10- to 14-day interval.  Ensure that the area to be treated is covered uniformly. Good spray coverage and canopy penetration are important for best results.  Use higher rate when conditions for heavy infestation exist. Use higher rate when growing less resistant cultivars.

**Restrictions:** Do not apply more than 20.5 fl oz/acre per season. Do not apply PROPULSE within 14 days of harvest. To limit the potential for development of disease resistance to this fungicide, do not make more than 2 sequential applications of PROPULSE or any Group 7 or Group 3 containing fungicide before rotating with a fungicide from a different Group. Allow a minimum of 7 days from the last application until cutting or swathing the crop for harvest. Hand-harvesting is prohibited. Do not feed hay or threshings or allow livestock to graze in treated areas.



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PEANUT		
Disease Control	Product Rate	Product Information
Sclerotinia blight <i>(Sclerotinia minor)</i>  Rhizoctonia Limb Rot, Peg Rot, Pod Rot <i>(Rhizoctonia solani)</i>  Cylindrocladium Black Rot <i>(Cylindrocladium            crotalariae)</i> (Suppression Only)	13.6 fl oz/acre	<b>Soil-Borne Disease Spray Program:</b> For optimum control of the specified soil-borne diseases, four consecutive applications of PROPULSE should be made at 14-day intervals, in a typical 7 spray application program beginning 30-40 days after planting or as recommended by the local Extension Service. Applications of fungicides with a different mode of action should be made prior to and following applications of PROPULSE to discourage development of resistant strains of fungi. Use in conjunction with cultural practices that are known to reduce the severity of soil-borne diseases, such as proper crop rotation practices.

**Restrictions:** Do not apply more than 34.2 fl oz/acre per season. Do not apply PROPULSE within 14 days of harvest. Do not feed hay or threshings or allow livestock to graze in treated areas. To limit the potential for development of disease resistance to this fungicide, do not make more than 2 sequential applications of PROPULSE or any Group 7 or Group 3 containing fungicide before rotating with a fungicide from a different Group.



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SUGARBEET		
Disease Control	Product Rate	Product Information
Cercospora leaf spot ( <i>Cercospora beticola</i> )  Powdery mildew ( <i>Erysiphe polygoni</i> )	8.55 fl oz/acre	Begin fungicide applications preventatively.  When disease pressure is high or when agronomic or weather conditions are conducive to disease development, continue applications as needed on a 14-day interval.

**Restrictions:** Do not apply more than 17.1 fl oz/acre per season. Do not apply PROPULSE within 7 days of harvest. Do not apply with aerial application equipment. To limit the potential for development of disease resistance to this fungicide, do not make more than 2 sequential applications of PROPULSE or any Group 7 or Group 3 containing fungicide before rotating with a fungicide from a different Group.



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**IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the 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 Bayer CropScience. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

**LIMITATIONS OF LIABILITY:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE'S ELECTION, THE REPLACEMENT OF PRODUCT.

PROPULSE Fungicide is specially formulated and sold by Bayer CropScience LP for the control of various pathogens according to the directions on this label. The purchase price of PROPULSE Fungicide includes a prepaid license under which purchaser agrees to employ the purchased quantity of PROPULSE Fungicide only for the above-specified uses and to provide notice of the terms and conditions of this license to any subsequent purchaser. Uses of PROPULSE Fungicide other than those specified on this label are not licensed through the purchase of this product.

**NET CONTENTS:**

**PRODUCED FOR**



**Bayer CropScience**

**Bayer CropScience LP  
P.O. Box 12014, 2 T.W. Alexander Drive  
Research Triangle Park, North Carolina 27709  
1-866-99BAYER (1-866-992-2937)**

PROPULSE Fungicide (PENDING) 08/18/11, Resubmitted 02/02/2012