



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Alice Walker, Ph.D.  
Agent for Winfield Solutions  
3094 Country Club Road  
Senatobia, MS 38668

JUL 7 2008

Subject: Label Notification(s) for Pesticide Registration Notices 2007-4 and 98-10

Dear Dr. Walker:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notices (PRN) 2007-4 and 98-10 dated May 5, 2008 for:

**EPA Registration 1381-170**

**Acetellic 5E Insecticide**

The Registration Division (RD) has conducted a review of this request for applicability under PR Notices 2007-4 and 98-10 and finds that the label changes requested falls within the scope of PR Notices 2007-4 and 98-10. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Nicole Williams of my staff at 703-308-8893.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs

*Alice Walker, Ph.D.*

REGULATORY CONSULTING • 3094 COUNTRY CLUB ROAD • SENATOBIA, MS 38668

June 4, 2008

Document Processing Desk (Notif)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Ariel Rios Building  
1200 Pennsylvania Ave., NW  
Washington, DC 20460

Attn: Ms. Nicole Williams

**Re: Notification of New Container Disposal Language per PRN 2007-4 as Revised  
April 29, 2008**

I am resubmitting Winfield Solutions' labels below in accordance with PRN 2007-4 as revised April 29, 2008.

Product Name	EPA Reg. No.
Actellic 5E	1381-170
Atrazine 4L	1381-158
Bison	9779-347
Charger Basic	1381-207
Charger Max	1381-194
Charger Max ATZ	1381-199
Cornerstone	1381-191
Cornerstone	1381-201
Cornerstone Plus	1381-192
Cornerstone Plus	1381-200
Glyphosate 41%	

These notifications are consistent with the provisions of PR Notices 98-10 and 07-4 and the requirements of EPA's regulations at 40 CFR §§ 152.46, 156.10, 156.140, 156.144, 156.146, and 156.156 and no other changes have been made to the labeling or the confidential statements of formula of these products. 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 these notifications are not consistent with the terms of PR Notices 98-10 and 07-4 and 40 CFR 152.46, 156.10, 156.140, 156.144, 156.146, and 156.156 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.

Yours very truly,



Alice Walker, Ph.D.  
Regulatory Consultant



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number 1381-170	2. EPA Product Manager John Hebert	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Actellic 5E Insecticide	PM# 7	
5. Name and Address of Applicant (Include ZIP Code) Winfield Solutions, LLC, c/o Alice Walker Consulting 3094 Country Club Road Senatobia, MS 38668 <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. <b>NOTIFICATION</b> Product Name <b>JUL 07 2008</b>	

### Section - II

Amendment - Explain below.  Final printed labels in response to Agency letter dated \_\_\_\_\_

Resubmission in response to Agency letter dated \_\_\_\_\_  "Me Too" Application.

Notification - Explain below.  Other - Explain below.

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

Notification of new container disposal language per PRN 07-4. We have also moved the Chemtrec no. from Environmental Hazards to Storage and Disposal and revised the disclaimer which has been previously approved. 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:

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	2. Type of Container <input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted			
If "Yes" Unit Packaging wgt. _____		No. per container _____	
If "Yes" Package wgt. _____		No. per container _____	

3. Location of Net Contents Information  
 Label  Container

4. Size(s) Retail Container  
28 & 64 oz., 1 & 15 gals.

5. Location of Label Directions  
 On label

6. Manner in Which Label is Affixed to Product  
 Lithograph  
 Paper glued  
 Stenciled  Other \_\_\_\_\_

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Alice Walker, Ph.D.	Title Agent	Telephone No. (Include Area Code) 662-562-5995
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**Certification**  
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.

2. Signature 	3. Title Agent	6. Date Application Received (Stamped)
4. Typed Name Alice Walker, Ph.D.	5. Date 5-5-08	

**NOTIFICATION**

JUL 07 2008



**ACTELIC® 5E INSECTICIDE**  
**LOW ODOR FORMULATION**

**FOR CONTROL OF INSECTS ON STORED CORN AND GRAIN SORGHUM**  
**(Including Bulk or Bagged Seed)**

**ACTIVE INGREDIENT:**

Pirimiphos-methyl

0-(2-(diethylamino)-6-methyl-4-pyrimidinyl)0,0-dimethyl phosphorothioate..... 57%

**OTHER INGREDIENTS:**..... 43%

**TOTAL**..... 100%

Actellic 5E Insecticide contains 5 pounds active ingredient per gallon.

**KEEP OUT OF REACH OF CHILDREN**

**DANGER/PELIGRO**

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.)

**FIRST AID**

<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• 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>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</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>

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **HOTLINE NUMBER:** In case of emergency call toll free 1-877-424-7452. **NOTE TO PHYSICIAN:** This product contains an organophosphate. Pirimiphos-methyl is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate significance of exposure (baseline data are useful). Give 2 mg. of atropine intramuscularly or subcutaneously and repeat if symptoms of poisoning reappear. Pralidoxime (2 PAM) may be therapeutic if used early; however, use only in conjunction with atropine. In case of severe poisoning, use antidote immediately after establishing an open airway and respiration. Actellic 5E Insecticide contains petroleum distillate. Vomiting may cause aspiration pneumonia.

See side panel for additional precautionary statements.

**EPA Reg. No. 1381-170**

**Distributed By:  
Winfield Solutions, LLC  
P.O. Box 64589  
St. Paul, MN 55164-0589**

**EPA Est No. \_\_\_\_\_  
Lot No. \_\_\_\_\_**

**Net Contents  
\_\_\_\_\_ Gals.  
0/0505/8**

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER:** Corrosive. Causes irreversible eye damage. Harmful if swallowed. Do not get in eyes. Wear protective eyewear (goggles or face shield) when handling. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are barrier laminate or viton. If you want more options, follow the instructions for category G on an EPA chemical-resistant category selection chart.

Mixers, loaders, and other handlers supporting admixture seed and/or grain treatments must wear:

Long sleeve shirt and long pants

Shoes plus socks

Chemical-resistant gloves

Protective eyewear

See engineering controls for additional requirements.

All other mixers, loaders, applicators and other handlers must wear:

Coveralls over long sleeve shirt and long pants

Chemical-resistant footwear plus socks

Chemical-resistant gloves

Protective eyewear

In addition, mixers and loaders must wear:

Chemical-resistant apron

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

**User Safety Recommendations**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticides get inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENGINEERING CONTROLS (For products marketed in containers greater than 64 fluid oz. in size):**

For all seed and/or grain treatments, handlers must use a closed system/loading system designed by the manufacturer to enclose the pesticide in a manner that prevents it from contacting handlers. This product is formulated in a container designed for closed mixing and loading. In addition:

- handlers must wear the PPE specified for handlers supporting admixture seed and/or grain treatment.
- handlers must have available to them in case of accident or spill: coveralls and chemical resistant footwear.
- handlers must wear protective eyewear.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of waste.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame.

**DIRECTIONS FOR USE**

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

**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

**STORAGE:** Store in a cool place and protect from freezing. If accidentally frozen, reconstitute by gently warming to room temperature and thoroughly mixing contents. Keep container closed when not in use.

**PESTICIDE DISPOSAL:** Pesticides are acutely 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 DISPOSAL:** Use label language appropriate for container size and type.

**Nonrefillable containers.** Do not reuse or refill this container. Clean container promptly after emptying.

**Nonrefillable container equal to or less than 5 gallons.** 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. 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.

**Nonrefillable container greater than 5 gallons.** Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. 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.

**Refillable container.** Refill this container with this pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. 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.

**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure or accident, call  
CHEMTREC 1-800-424-9300.**

**APPLICATION DIRECTIONS****ADMIXTURE OR TOP DRESSING**

**(Only ONE application method may be used per load.)**

The best practice to protect stored corn and grain sorghum from insect infestation is to use an admixture treatment of Actellic 5E Insecticide. However, as it may not always be possible to move grain, a surface treatment of Actellic 5E Insecticide will help prevent the establishment of migrating insects. The top dressing application will not substitute for a treatment of the entire amount of stored corn or grain sorghum. But within your current stored grain management system, it will help protect the surface from invasion by insects.

Notice: Either treatment should only be used if the corn or grain sorghum has not previously received an application of Actellic 5E Insecticide.

### ADMIXTURE TREATMENT

Apply spray solution uniformly with suitable application equipment as grain enters storage or export containers. Select nozzle size and operating pressure to adjust the application rate with flow of grain. Prepare desired dilution of Actellic 5E Insecticide in spray tank and mix well. Make sure spray solution stays mixed, especially in large holding tanks. Apply the spray solution as a coarse, uniform low pressure spray in order to minimize drift. Shield nozzle if necessary. Apply the specified amount of Actellic 5E Insecticide in 5 gallons of water or 3-5 gallons of at least twice refined soybean oil to each 30 tons (60,000 pounds) of grain according to the following rates.

	Fluid Ounces	ppm Concentration
Shelled Corn (field corn, seed corn, popcorn)	9.2-12.3	6-8
Grain Sorghum	9.2-12.3	6-8
Grain	No. of Bushels Approximately Equal to 30 Tons of Grain	
Shelled Corn (field corn, seed corn, popcorn)	1,071	
Grain Sorghum	1,071	

### TOP DRESSING TREATMENT

To each 1,000 square feet of grain surface, apply 3 fluid ounces of Actellic 5E Insecticide diluted in 2 gallons of water. The treatment should be split as follows: Spray half of the mixture evenly over the surface and rake into the grain to a depth of 4 inches. Apply the remaining half of the mixture (1 gallon) to the raked surface.

Before making a surface application of Actellic 5E Insecticide, it will be necessary to remove any webbing and break up crusting that exists on the grain surface. If high numbers of Indian Meal Moth worms (2-3 per sq ft) exist, it will be best to remove the webbing, fumigate, and then apply Actellic 5E Insecticide as a surface application. Mix the following amount of Actellic 5E Insecticide with 2 gallons of water for a total mixture to treat 1,000 sq ft of grain surface:

	Fluid Ounces	ppm Concentration
Corn and Sorghum	3.0	8

### INSECTS CONTROLLED WITH ACTELLIC 5E INSECTICIDE

COLEOPTERA		LEPIDOPTERA
Cigarette beetle	Maize weevil	Almond moth
Confused flour beetle	Merchant grain beetle	Angoumois grain moth
Corn sap beetle	Red flour beetle	Indian meal moth
Flat grain beetle	Rice weevil	
Granary weevil	Sawtoothed beetle	
Hairy fungus beetle		

### REMARKS AND PRECAUTIONS

- Grains treated with Actellic 5E Insecticide at rates indicated on this label may be used immediately for any food or feed purpose.
- Do not make more than one application per crop. Only treat corn or sorghum which has not previously been treated with any pirimiphos-methyl containing product.
- Calibrate spray equipment and periodically check in order to ensure proper spray rates.
- Do not store diluted Actellic 5E Insecticide in spray tank more than 48 hours before use.
- Avoid severely dusty application sites.
- Applications of Actellic 5E Insecticide include stored bulk or bagged seed corn and sorghum grain.
- Only to be used as grain enters storage or export containers. Not meant to be used for control of soil insects.
- Do not enter treated areas or have contact with treated grain or seed until sprays have dried.
- For further information, contact your local Agrilience dealer or representative.



WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

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If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

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