

100-816

6-3-2002

Please read instructions on reverse before completing form.

	United States	<input type="checkbox"/> Registration	OPP Identifier Number
	Environmental Protection Agency	<input type="checkbox"/> Amendment	Notification
	Washington, DC 20460	<input checked="" type="checkbox"/> Other	

## Application for Pesticide - Section I

1. Company/Product Number 100-816	2. EPA Product Manager Joanne Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Dual Magnum Herbicide	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Syngenta Crop Protection, Inc. P. O. Box 18300 Greensboro, NC 27419 <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 _____	<b>NOTIFICATION</b>  <b>JUN 3 - 2002</b>
<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.	

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

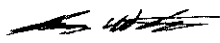
This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false 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.

Syngenta Crop Protection, Inc. is herein providing a notification and copy of Dual II MAGNUM supplemental label. This supplemental label is consistent with Syngenta's notification dated April 26, 2002 adding Kansas to the cotton Directions for Use section of the Dual II MAGNUM label. Concurrently, this supplemental label is being registered in the State of Kansas.

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input 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" Unit Packaging wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product			<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> 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 Greg Watson		Title NAFTA Herbicides Team Leader, Regulatory Affairs		Telephone No. (Include Area Code) 336-632-2993	
<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 NAFTA Herbicides Team Leader, Regulatory Affairs			
4. Typed Name Greg Watson		5. Date 5/24/02			

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**PRODUCT INFORMATION**



**Syngenta Crop Protection, Inc.**  
Greensboro, NC 27409  
www.syngenta-us.com

**NOTIFICATION**

JUN 3 - 2002

**SUPPLEMENTAL LABEL FOR DUAL MAGNUM®**

**HERBICIDE**

**For weed control in corn, cotton, peanuts, pod crops, potatoes, safflowers, grain or forage sorghum, and soybeans**

**EPA Reg. No. 100-816**

Active Ingredient:	
S-metolachlor (CAS No. 87392-12-9.....)	87.3%
Other Ingredients:	16.3%
Total:	100.0%

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

**All applicable directions, restrictions and precautions on the EPA-registered label are to be followed.**

**This labeling must be in the possession of the user at the time of pesticide application.**

SCP 816A-S2 0502

**DIRECTIONS FOR APPLICATIONS****COTTON – DUAL MAGNUM ALONE**

**Application:** Apply Dual MAGNUM preemergence only in Area 1\* at the rate of 0.5-1.0 pt./A on sandy loams, 0.66-1.33 pts./A on *medium soils*, or 1.0-1.33 pts./A on *fine soils*. Apply Dual MAGNUM preplant incorporated or preemergence in Area 2\*\* at 1.0 pt./A on sandy loams, 1.0-1.33 pts./A on *medium soils*, or 1.33 pts./A on *fine soils*. Apply Dual MAGNUM postemergence to cotton and preemergence to weeds at 0.5-1.33 pts./A, according to the state rate limitations in the following **Postemergence** section. **Do not use on sands and loamy sand.**

\*Area 1 = AR, KS, LA, MS, TN, and Bootheel of MO

\*\*Area 2 = NM, OK, and TX

**Preplant Incorporated (NM, OK, and TX Only):** Apply to the soil and incorporate into the top inch of soil immediately before planting, at planting, or after planting, but before crop or weeds emerge. Use a rolling cultivator or similar implement to uniformly incorporate not more than 1 inch deep. Use a preplant incorporated application if furrow irrigation is used or when a period of dry weather after application is expected. Where furrow irrigation is used, wet the top of the bed for best results. If the crop is to be planted on beds, apply and incorporate after bed formation. Cotton should be planted below the zone of incorporation; i.e., at least 1 inch on *fine soils* and 1.5 inches on *coarse* and *medium soils*. If incorporated prior to planting, use a planter that will result in a minimum of soil disturbance.

**Note:** For best control of yellow nutsedge and suppression of seedling johnsongrass, apply Dual MAGNUM preplant incorporated at the maximum rate for the soil texture, whether applied alone or mixed with Caparol 4L.

**Preemergence:** Apply to the soil surface at planting or after planting, but before weeds or crop emerge.

**Postemergence:** Apply Dual MAGNUM broadcast over-the-top or directed to the soil surface according to the rate and cotton height limitations listed below by state. Application before weeds emerge or after clean cultivation to remove existing weeds is necessary since Dual MAGNUM will not control emerged weeds. Dual MAGNUM postemergence may be applied over any previous registered herbicide treatment. In sprinkler-irrigated areas, sprinkler irrigate after application with ½-1 inch of water (½ inch on *coarse-textured soils* to 1 inch on

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*fine-textured soils*) to incorporate Dual MAGNUM. In furrow-irrigated areas, apply Dual MAGNUM, incorporate with a rolling cultivator or similar implement that provides uniform shallow incorporation (2 inches or less), and then irrigate. In nonirrigated areas, if at least ½ inch of rainfall does not occur within 10 days after application, cultivate with a rolling cultivator or similar implement that provides uniform shallow incorporation of Dual MAGNUM.

**VA, NC, SC, GA, FL, and AL:** Apply Dual MAGNUM at 1.0-1.33 pts./A when cotton is 3-12 inches tall.

**TN, AR, KS, MS, MO, and LA:** Apply Dual MAGNUM at 0.5-1.33 pts./A when cotton is 3-12 inches tall.

**TX, OK, NM, AZ, CA, and Clay Soils in AR:** Apply Dual MAGNUM at 1.0-1.33 pts./A when cotton is 3-12 inches tall, but before August 1.

**Multiple Applications:** Where weed pressure is heavy, difficult to control species are expected, or reinfestation may occur, and a weed control program is used, multiple applications of Dual MAGNUM are effective when used as part of the weed control program. Apply as a preplant incorporated or preemergence treatment and follow with an application postemergence to cotton before weeds emerge or after clean cultivation to remove existing weeds, since Dual MAGNUM will not control emerged weeds. Cotton should be at least 3 inches tall at the postemergence timing. Apply Dual MAGNUM postemergence over a previous preplant or preemergence Dual MAGNUM application as shown in the following table.

Multiple Dual MAGNUM Applications to Cotton			
State	Preplant Incorporated or Preemergence Pts./A	+	Postemergence and Height Pts./A
MS, LA, TN, AR, KS, MO	0.5-1.33 (Preemergence Only)	+	0.5-1.33 to 3-12" Cotton
TX, OK, NM	1.0-1.33	+	1.0-1.33 to 3-12" Cotton before August 1
NC, VA	1.0-1.33 (Preemergence Only)	+	1.0-1.33 to 3-12" Cotton

In sprinkler-irrigated areas, sprinkler irrigate after application with ½-1 inch of water (½ inch on *coarse-textured soils* to 1 inch on *fine-textured soils*) to incorporate Dual MAGNUM. In furrow-irrigated areas, apply Dual MAGNUM, incorporate with a rolling cultivator or similar implement that provides uniform shallow incorporation (2 inches or less), and then

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irrigate. In nonirrigated areas, if at least ½ inch of rainfall does not occur within 10 days after application, cultivate with a rolling cultivator or similar implement that provides uniform shallow incorporation of Dual MAGNUM.

**Notes:** For best control of yellow nutsedge and suppression of seedling johnsongrass, apply Dual MAGNUM preplant incorporated, preemergence, or postemergence to cotton and preemergence to weeds at the maximum rate for the soil texture, whether applied alone or in combinations. Do not apply more than a total of 2.0 pts./A on coarse soils or 2.6 pts./A of Dual MAGNUM on medium and fine soils during a growing season. These treatments may be applied over previous registered herbicide treatments.

*Precautions: To avoid crop injury, (1) Do not apply Dual MAGNUM on sand or loamy sand soils, or in areas where water is likely to "pond" over the bed; (2) To avoid concentration in the seed furrow, do not make broadcast applications of Dual MAGNUM to cotton planted in furrows more than 2 inches deep. Band applications may be made to cotton planted in furrows deeper than 2 inches, but band width should not exceed the width of the bottom of the furrow; (3) In furrow-planted cotton, to avoid concentration in the furrow and potential injury, do not apply Dual MAGNUM postemergence until after first "knifing" or cultivation to level soil surface. (4) Do not apply over-the-top in fluid fertilizer or any other adjuvant, surfactant, oil, or other pesticide not recommended in the cotton section of this label, or injury may occur; and (5) Do not apply on Taloka silt loam. (6) Do not use in Gaines County, TX.*

**Note:** Do not graze or feed forage or fodder from cotton to livestock, or illegal residues may result.

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Dual MAGNUM® and the Syngenta logo are trademarks of a Syngenta Group Company  
U.S. Patent No. 5,002,606

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