

100-763

5-10-2002

17

Please read instructions on reverse before completing form.

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

Application for Pesticide - Section I

1. Company/Product Number 100-763	2. EPA Product Manager Jim Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Peak Herbicide	PM# 25	
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 _____	NOTIFICATION MAY 10 2002
<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 Peak Herbicide Supplemental labeling. This Supplemental Label is consistent with the current EPA stamped label dated October 3, 2001 and further defines the Directions for Use for small grain cereals, proso millet, and postemergence to weeds following small grain harvest.

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			
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 Dan Campbell		Title Regulatory Product Manager, Herbicides		Telephone No. (Include Area Code) 338-632-7627	
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.					6. Date Application Received (Stamped)
2. Signature 			3. Title Regulatory Product Manager, Herbicides		
4. Typed Name Dan Campbell			5. Date May 1, 2002		

2/7

PRODUCT INFORMATION



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

NOTIFICATION

MAY 10 2002

SUPPLEMENTAL LABEL FOR PEAK® HERBICIDE

**SMALL GRAIN CEREALS, PROSO MILLET, AND
POSTEMERGENCE TO WEEDS FOLLOWING SMALL GRAIN
HARVEST**

EPA Reg. No. 100-763

Active Ingredient:

Prosulfuron: 1-(4-methoxy-6-methyl-
triazin-2-yl)-3-[2-(3,3,3-trifluoropropyl)-
phenylsulfuron]-urea 57.0%

Other Ingredients: 43.0%

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 763A-S1 0402

DIRECTIONS FOR APPLICATIONS

SMALL GRAIN CEREALS, PROSO MILLET, AND POSTEMERGENCE TO WEEDS FOLLOWING SMALL GRAIN HARVEST

Peak® controls many broadleaf weeds in small grain cereals, including winter wheat, spring wheat, winter barley, spring barley, rye, oats, and triticale; as well as proso millet and postemergence to weeds following small grain harvest.

Note: This product should not be used where small grains are underseeded with legumes, or the legumes may be severely injured or killed.

Table 1: Weeds Controlled by Peak Applied Postemergence in Small Grain Cereals, Proso Millet, and Following Small Grain Harvest

Weeds Controlled	Cereal and Proso Millet Rates	
	0.38 oz./A	0.5 oz./A
	Weed Size Ranges for Optimum Control (Inches)	
Amaranth, Palmer (<i>Amaranthus palmeri</i>)**	1-3*	1-3*
Bindweed, Field (<i>Convolvulus arvensis</i>)	2-3*	2-4*
Bindweed, Hedge (<i>Calystegia sepium</i>)	1-3*	1-3*
Buckwheat, Wild (<i>Polygonum convolvulus</i>)***	2-3*	2-3
Buffalobur (<i>Solanum rostratum</i>)	1-3	1-4
Buttercup, Hairy (<i>Ranunculus sardous</i>)	1-4	1-6
Chamomile, Mayweed (<i>Anthemis cotula</i>)	1-3	1-3
Chervil, Bur (<i>Anthriscus scandicina</i>)	1-2	1-3
Chickweed, Common (<i>Stellaria media</i>)**	1-3*	1-3*
Chickweed, Mouseear (<i>Cerastium vulgatum</i>)	1-3*	1-3*
Cocklebur, Common (<i>Xanthium strumarium</i>)**	2-4	2-6
Eveningprimrose, Cutleaf (<i>Oenothera laciniata</i>)	1-3	1-4
Fiddleneck, Coast (<i>Amsinckia intermedia</i>)	1-3	1-3
Flixweed (<i>Descurainia sophia</i>)	1-4	1-6
Garlic, Wild (<i>Allium vineale</i>)	1-6****	1-8****
Gromwell, Corn (<i>Lithospermum arvense</i>)	1-2*	1-3*
Henbit (<i>Lamium amplexicaule</i>)	1-2*	1-2*
Knotweed, Prostrate (<i>Polygonum aviculare</i>)	1-2*	1-3*
Kochia (<i>Kochia scoparia</i>)**	1-3*	1-3*
Lambsquarters, Common (<i>Chenopodium album</i>)	1-3*	1-3*
Lettuce, Miner's (<i>Montia perfoliata</i>)	1-4	1-6
Lettuce, Prickly (<i>Lactuca serriola</i>)**	1-3	1-4
Mallow, Common (<i>Malva neglecta</i>)	1-2*	1-3*
Mallow, Venice (<i>Hibiscus trionum</i>)	1-2	1-3
Mustard, Blue (<i>Chorispora tenella</i>)	1-4	1-6
Mustard, Tumble (<i>Sisymbrium altissimum</i>)	1-4	1-6
Mustard, Wild (<i>Brassica kaber</i>)	1-5	1-6
Pennycress, Field (<i>Thlaspi arvense</i>)	1-4	1-6
Pigweed, Redroot (<i>Amaranthus retroflexus</i>)**	1-3*	1-3
Pigweed, Smooth (<i>Amaranthus hybridus</i>)**	1-3*	1-3

Pigweed, Tumble (<i>Amaranthus albus</i>)	1-2	1-3
Pineappleweed (<i>Matricaria matricariodes</i>)	1-4	1-6
Radish, Wild (<i>Raphanus raphanistrum</i>)	1-3	1-4
Ragweed, Common (<i>Ambrosia artemisiifolia</i>)	2-5	2-6
Shepherdspurse (<i>Capsella bursa-pastoris</i>)	1-2	1-3
Sunflower, Common (<i>Helianthus annuus</i>)	1-4	1-6
Tansymustard (<i>Descurainia pinnata</i>)	1-4	1-6
Thistle, Canada (<i>Cirsium arvense</i>)	1-2*	1-2*
Thistle, Russian (<i>Salsola iberica</i> **)	1-2*	1-2
Wallflower, Bushy (<i>Erysimum repandum</i>)	1-3	1-4

*Indicates "Partial Control" which means significant activity but not always at a level generally considered acceptable for commercial weed control.

**Certain biotypes of this weed species are known to be resistant to this and other ALS herbicides. Where these ALS-resistant biotypes are known to exist, an appropriate registered herbicide, active against that weed and with another mode of action, should be used alone or in tank mixture with Peak to control those biotypes.

***Spray after true leaves have emerged; earlier applications may result in unacceptable control.

****Wild Garlic is controlled at 0.25-0.5 oz./A. Use the 0.5 oz./A rate when added soil residual control is desired or control of other weeds listed in this table is desired.

Postemergence Application

Postemergence application should be made to small grain cereals, proso millet, or following small grain harvest at the rate and timings recommended in Table 1. If weeds are larger than the optimum size range recommended, only partial control may be obtained.

Peak may be applied postemergence over-the-top to actively growing small grain crops or proso millet from the emergence of the crop to before the second node is detectable in stem elongation (Feekes Growth Stage 7). Within that broad window of application, it is more important to time applications to the optimum weed heights listed in Table 1, rather than crop stage. In drier climates, crop oil concentrate (COC) is the preferred additive, instead of nonionic surfactant, when applying Peak alone with water as the carrier. Refer to the **Mixing Procedures** section of the Peak Section 3 label.

Note: Refer to the **Rotational Crops** section of the Peak Section 3 label for additional restrictions.

Postemergence Tank Mixtures

Note: The many formulations of tank mix partner products have greatly varying mixing characteristics. Before Peak is used in tank mixture with other products, the mixture should first be tested in small containers for physical compatibility. When conducting a compatibility test, follow the same procedures given for large quantities given in the **Mixing Procedures** section of the Peak Section 3 label.

Tank mix Peak with a suitable herbicide from the list below to: (1) control broadleaf weeds that are beyond the optimum treatment size; or (2) control broadleaf or grass weeds not named on this label; or (3) control ALS-resistant weeds. Peak must be applied in tank mixture for use in postemergence weed control following small grain harvest.

Refer to the label of the tank mix partner for appropriate crops, additional weeds controlled, and directions for use; and observe all precautions and restrictions on the labels of products used in tank mixtures.

Recommended tank mix partners:

Aim™	Discover™	Sencor®
Ally®*	Diuron	Starane™
Assert®*	Fallow Master®	Starane + Saber®
Avenge®	Gramoxone® Extra	Starane + Salvo®**
Banvel® SC or SGF	Hoelon®	Starane + Sword®
Bronate®	Landmaster® BW	Stinger™
Buctril®	Lexone®	2,4-D amine or ester
Clarity®	Maverick®*	Tiller®
Curtail™	MCPA amine or ester	Touchdown®
Curtail™ M	Puma™	
Dakota®	Roundup®, Roundup Ultra®	

*Products with the same mode of action as Peak (ALS-inhibitors). See the **Weed Resistance to ALS-Inhibitor Herbicides** section of the Section 3 label for information on situations requiring mixture or sequential application with products of a different mode of action.

**Do not use crop oil concentrate as the adjuvant when mixing Peak with Starane + Salvo when liquid fertilizer is used as all or part of the spray carrier.

Peak may be applied at 0.25 to 0.5 oz./A in tank mixtures when the tank mix partner is also labeled for the weed species to be controlled. When tank mixing with the 0.25 oz./A Peak rate, refer to the weed sizes given for 0.38 oz./A used alone (Table 1).

If a second application is desired, the maximum amount of Peak which can be applied is 1 oz./A during the cropping season.

Precautions – For All Applications of Peak to Small Grain Cereals and Proso Millet

Follow these precautions to reduce chances of crop injury and/or to avoid reduced weed control:

1. Peak should not be applied to small grain or proso millet crops which are under severe stress due to drought, cold weather, hail,

wind damage, sand cutting, flooding, water-logged soil, compacted soil, disease, insect damage, nutrient deficiency, or other causes. Also, Peak should not be applied if weeds are under severe stress due to drought or if weeds are taller than the optimum heights listed in Table 1.

2. Do not apply Peak to small grain cereals or proso millet if cold, wet environmental conditions that stress wheat are expected within 1 week after application. Cold, wet weather following Peak applications to small grains may result in injury to the cereal crop; this injury is normally temporary and yields are not affected.
3. Do not make a foliar or soil application of any organophosphate insecticide within 15 days before or 10 days after an application of Peak.
4. Do not sprinkler irrigate within 4 hours after application of Peak. Rainfall or sprinkler irrigation occurring less than 4 hours after application may reduce weed control.
5. Do not apply Peak to small grains that exhibit injury symptoms from a previous herbicide application or other causes.
6. Observe all precautions and limitations on the label of each product used in tank mixtures with Peak.
7. Peak can be applied on proso millet crops. Do not apply Peak to pearl millet or other forage millets or crop injury may occur.

CROP FAILURE

If a crop treated with Peak is lost due to a natural catastrophe such as hail or frost; an IR or IMR field corn hybrid or a small grain cereal crop (wheat, barley, rye, oats, or triticale) may be replanted immediately. Normal field corn or grain sorghum may be replanted, but not until one month or more after application. For control of weeds in a replanted crop, Peak may be applied a second time only if the total Peak applied during the cropping season does not exceed 1 oz./A.

Discover™, Gramoxone® Extra, Peak®, Touchdown®, and the Syngenta logo are trademarks of a Syngenta Group Company

Aim™ trademark of FMC Corporation

7/7

Ally®, Lexone®, and STS™ trademark of E. I. duPont de Nemours and Company, Inc.

Assert®, Avenge®, Banvel®, Banvel SGF®, and Marksman® trademarks of BASF Corporation

Bronate®, Bucril®, Clarity®, Dakota®, Hoelon®, Puma™, and Tiller® trademarks of Aventis CropScience

Curtail™, Curtail™ M, Saber®, Salvo®, Starane™, Stinger™, Sword®, trademarks of Dow AgroSciences

Fallowmaster®, Landmaster® BW, Maverick®, Roundup®, and Roundup Ultra® trademarks of Monsanto Company

Sencor® trademark of Bayer Corporation

© 2002 Syngenta

Syngenta Crop Protection, Inc.
Greensboro, North Carolina 27409
www.syngenta-us.com

SCP 763A-S1 0402

L/SUPPLEMENTAL LABELS/PEAK S1 0402 – PD – 04/30/02