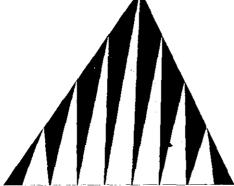
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United States  Environmental Protection Ag  Washington, DC 20460			y [	<b>∤</b> `	gistratio endment er	n	OPP Identifier NOTIFICAT		
	Appli	cation for Pe	sticide - Sect	ion I					
Company/Product Number     100-949		2. Jo	EPA Product anne Miller			3. Prop	posed Classificat	ion	
Company/Product (Name) Palisade EC			PM# 23				x None Restricted		
<ol> <li>Name and Address of Applicant (Include ZIP Code)         Syngenta Crop Protection, Inc.         P. O. Box 18300         Greensboro, NC 27419     </li> </ol>			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.						
Check if this is	a new address	Pro	oduct Name						
		Section	n - II						
Amendment - Explain be Resubmission in respons X Notification - Explain below		Final printed labels in response to Agency letter dated "Me Too" Application.  Other - Explain below.							
Explanation: Use additional This notification is consistent with the puthe labeling or the confidential statemer further understand that if this notification to enforcement action and penalties undupdated to reflect Syngenta Crop Proteformed by the merger of Novartis Crop statement. No other changes occur in the reflect Syngenta for those products for referring to the company name have be	rovisions of PR Notice 98-10 and of formula of this product. In is not consistent with the tender sections 12, and 14 of FIF ction, Inc. 2) The Conditions of Protection, Inc. and Zeneca And statement other than the nawhich Syngenta holds the trace.	and EPA regulations understand that it is ms of PR Notice 98- RA. The following of f Sale and Warranty g Products, we have ame change. 3) The	at 40 CFR 152.46, a violation of 18 U. 10 and 40 CFR 152 hanges are being m statement has bee chosen to use the copyright date refle	S.C. Sec. 10 2.46, this pro- nade via this in changed to former Zene ects Syngen	001 to willfund with the will to will the will t	illy make any lie in violation ( n: 1) Company e name chang ly statement a emark stateme	false statement to E of FIFRA and I may y name and address e. Because Syngen s the Syngenta war ents have been upda	be subject s have been ita has been ranty ated to	
	D - D - L	Sectio	<u>n – III                                  </u>						
1. Material This Product Will Child-Resistant Packaging Yes* No *Certification must be submitted	Unit Packaging Yes No  If "Yes" No	o. per If "Yes"		ging  No. per container	2. T	Gla Pa	tal astic ass		
Location of Net Contents Info  Label Con	ormation 4.	Size(s) Retail C	ontainer		5. Loca	tion of Labe On Label On Labelin	ol Directions	product	
6. Manner in Which Label is Af	ixed to Product	Lithograph Paper glued Stenciled		Other					
		Section		4					
Contact Point (Complete ite     Name     Nan S. Padgett		Title Label	Group Leader		essary, to		No. (Include Are -7567		
I certify that the statements I I acknowledge that any know both under applicable law.	have made on this form a						6. DateAppReceived (Stam		
2. Signature  Lin A. Pady	itt	3. Title Label Grou	ıp Leader				, , , , , , , , , , , , , , , , , , ,	****** *	
4. Typed Name Nan S. Padgett		5. Date April 2, 200	)1					,	

PULL HERE TO OPEN -

#### MOTIFICATION

APR 1 3 2001

# Palisade<sup>™</sup> A FC



Other Ingredients:

- mground

Total:

Palisade EC is an emulsifiable concentrate.

EPA Reg. No. 100-949 EPA Est. 1386-OH-1

Product of Switzerland Formulated in the USA

For growth management of perennial ryegrass grown for seed in Idaho, Oregon, and Washington

#### KEEP OUT OF REACH OF CHILDREN. WARNING/AVISO

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.)

See additional precautionary statements and directions for use inside booklet.

SCP 949A-L1B 0201

2.5 GALLONS U.S. Standard Measure

syngenta

#### CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

88.0%

100.0%

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences, is may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SCP 130-949A:L18 '

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseable to or beyond the control of Seller or SYNGENTA, and Buyer and User assume the risk of any such use. SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall SYNGENTA or Seller be tiable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BETHE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

#### **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.

#### 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 treated areas without footwear until sprays have dried. There is no restricted-entry interval (REI) requirement.

Observe all precautions and limitations on this label and on the labels of each product used in tank mixture with this product.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR PERFORMANCE, CROP INJURY, OR ILLEGAL RESIDUES.

#### **GENERAL INFORMATION**

For use on perennial ryegrass grown for seed in Idaho, Oregon, and Washington only.

Palisade EC slows the growth of grass stems when the product is applied as directed. This results in:

- 1. less potential for lodging
- 2. easier and more efficient seed harvest

Other benefits often seen are:

- potential to increase number of tillers
- improved pollination and seed set
- · less straw in the combine
- · less trash in harvested seed
- · faster combining

Palisade EC is rapidly absorbed by the grass foliage. The product is rain fast an hour after application. The growth regulator effects of Palisade EC do not occur through soil uptake.

NOTICE TO USER: Crop response to Palisade EC is acceptable for perennial ryegrass, but other grass species grown for seed have not been adequately evaluated yet. Neither the manufacturer nor the seller has determined the level of performance or crop tolerance of grass species other than perennial ryegrass grown for seed.

#### **APPLICATION INFORMATION**

The activity and performance of Palisade EC is primarily affected by: (1) environmental conditions, (2) crop management and cultural practices that affect perennial ryegrass growth and vigor, (3) fertility level. (4) moisture availability, (5) plant vigor, and (6) perennial ryegrass growth stage.

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

Table 1. Palisade EC Application Rates and Timing

Application Rate	Application Timing	Comments			
1 <sup>1</sup> / <sub>2</sub> -4 pts./A	Before or during stem elongation stage of development (Zadoks	(1) Apply as a broadcast, foliar spray to actively-growing grass.			
	growth stages 30-37 or Feekes stages 5-8)	(2) Use the high rate on heavy. lush stands.			
	NOTE: Although this product is effective at any time in this growth stage the BEST timing is early (Zadoks growth stage 32 or Feekes 7 when the second node on the main stem is detectable).	(3) Multiple applications during the growing season are allowed but do not apply more than 4 pts./A per year.			

#### Equipment

Clean spray equipment thoroughly before use and use a sprayer that will deliver an accurate and uniform spray. Rinse sprayer with clean water after use and dispose of rinsate according to label directions.

#### Mixing Instructions

- (1) Mix Palisade EC in enough water (10-20 gals./A) to thoroughly and uniformly cover the crop.
- (2) Mix only the amount needed for the immediate operation.
- (3) Agitate thoroughly before and during application.

Note: Tank mixtures are permitted only in those states where the tank mix partner is also registered.

#### Palisade EC Alone

- (1) Add 1/2-2/3 of the required amount of water to the spray tank.
- (2) While agitating, add Palisade EC.
- (3) Continue agitation while adding the remainder of the water.
- (4) Maintain agitation until all of the mixture has been applied.

#### Palisade EC + Tilt® Fungicide

- (1) Add 1/2-2/3 of the required amount of water to the spray tank
- (2) While agitating, add Palisade EC followed by Tilt Fungicide.
- (3) Continue agitation while adding the remainder of the water.
- (4) Maintain agitation until all of the mixture has been applied.

Note: Observe all directions for use, precautions, and limitations which appear on the Tilt Fungicide label.

#### STORAGE AND DISPOSAL

#### Pesticide Storage and Disposal

Do not store below 0°F. If crystals do form, store above 70°F, shaking periodically until crystals are dissolved.

Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment. Pesticide wastes are toxic. Improper disposal of unused pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, they must be disposed of according to Federal, state, or local procedures. Contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

#### Container Disposal

Triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or if allowed by state and local authorities, dispose of by open burning. Stay out of smoke from burning container.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during clean up and disposal of wastes. Ih the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.



#### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

#### WARNING/AVISO

Causes eye irritation. Do not get in eyes. Harmful if swallowed, inhaled, or absorbed through skin. Avoid contact with skin or clothing. Avoid breathing vapor or spray mist.

#### First Aid

If in eyes: Hold eyelids open and flush with a steady, gentle stream of water. Get medical attention.

If swallowed: Call a physician or Poison Control Center. Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, or gelatin solution, or, if these are not available, drink large quantities of water. Never give anything by mouth to an unconscious person.

If inhaled: Remove victim to fresh air,

If on skin: Wash with plenty of soap and water. Call a physician if irritation persists.

Note to Physician: If ingested, lavage stomach with care to prevent aspiration of stomach contents. An aquecus suspension of activated charcoal can be given to absorb remaining toxicant.

#### Personal Protective Equipment

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category G on an EPA chemical resistance category selection chart.

#### Applicators and other handlers must wear:

- · Long-sleeved shirt and long pants
- · Chemical-resistant gloves, such as barrier laminate or viton
- · Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

#### **Engineering Control Statements**

When handlers use closed systems or enclosed cabs 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.

#### **Environmental Hazards**

Do not apply directly to water, 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 wash water. Do not apply when weather conditions favor drift from treated areas,

Palisade™ and Tilt® trademarks of Syngenta U.S. Patent No. 4.693,745

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Syngenta Crop Protection, Inc. Greensboro, North Carolina 27409 www.syngenta-us.com SCP 949A-L1B 0201

6 7 6

## Palisade<sup>\*\*</sup>

For growth management of perennial ryegrass grown for seed in Idaho, Oregon, and Washington

Active Ingredient: Trinexapac-ethyl

Other ingredients:

88.0% 100.0%

See directions for use in attached booklet.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-949

EPA Est. 1386-OH-1

Palisade<sup>14</sup> trademark of Syngenta U.S. Patent No. 4,693,745

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Syngenta Crop Protection, Inc. Greensboro, North Carolina 27409 www.syngenta-us.com SCP 949A-L1B 0201

2.5 GALLONS U.S. Standard Measure

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