

100-1249

04/21/2009

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

APR 21 2009

Mr. Pat Dinnen
Syngenta Crop Protection, Inc.
P. O. Box 18300
Greensboro, NC 27419-8300

Subject: Label Notification(s) for Pesticide Registration Notice 2007-4 Revision of Storage and Disposal Statements

Dear Mr. Dinnen:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (s) (PRN) 2007-4 dated March 11, 2009 for:

EPA Registration Number 100-1249

Adage-Maxim® 4FS Twinpak™


The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and find that the label change(s) requested falls within the scope of PRN 2007-4. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, at 703 305-5409 or electronically at daniel.dani@epa.gov

Sincerely,

A handwritten signature in black ink, appearing to be "D1" or similar, written over a faint background.

Dani Daniel
Registration Division (7505P)
Insecticide/Rodenticide Branch

	United States	NOTIFICATION	Regulation	OPP Identifier Number
	Environmental Protection Agency			Amendment
	Washington, DC 20460			Other
Application for Pesticide - Section I				

1. Company/Product Number 100-1249	2. EPA Product Manager Venus Eagle	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Adage-Maxim 4FS TwinPak	PM# 1	
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 _____
<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.)

Notification of label change per PR Notice 4007-4. This Notification is consistent with the guidance of PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for 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 the amended label is not consistent with the requirements of 40 CFR §§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.

Syngenta is amending the Storage and Disposal section of the label by Notification according to the directions stated in PR Notice 2007-4.

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 checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
*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 checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 20 fl oz and 100 fl oz		5. Location of Label Directions <input checked="" 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 checked="" type="checkbox"/> Other <u>Pressure Sensitive</u>	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Pat Dinnen	Title Label Group Leader	Telephone No. (Include Area Code) 336-632-2494	
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 <i>Pat Dinnen</i>	3. Title Regulatory Specialist		
4. Typed Name Pat Dinnen	5. Date March 11, 2009		

Certification with Respect to Label Integrity

Version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL		
EPA Registration #	Date Submitted to EPA	Electronic file name
100-1249	03/11/2009	000100-01249.20090310.ADAGE-MAX-4FS_PRN2007-4_MAR2009.pdf

I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

Pat Dinnen

Signature

March 11, 2009

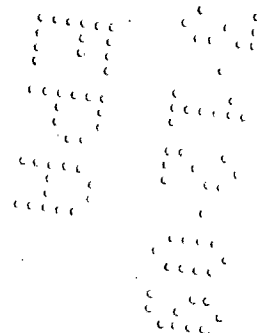
Date

Pat Dinnen

Name (typed)

Label Group Leader

Title



4/23

Syngenta Crop Protection, Inc.
P.O. Box 18300
Greensboro, NC 27419-8300
www.syngenta.com



FedEx

March 11, 2009

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Attention: Ms. Linda Arrington

**SUBJECT: ADAGE-MAXIM® 4FS TWINPAK™
EPA REG. NO. 100-1249
NOTIFICATION OF LABEL CHANGE PER PR NOTICE 2007-4**

Syngenta Crop Protection, Inc. is submitting Notification for Adage-Maxim TwinPak, EPA Reg. No. 100-1249. Syngenta is amending the Storage and Disposal section of the label by Notification according to the directions stated in PR Notice 2007-4.

Attached are:

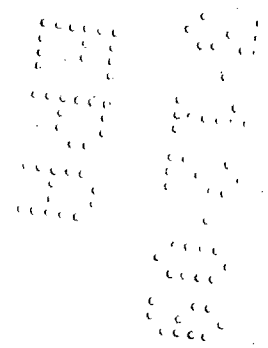
- One copy of the label with the changes clearly marked
- One unmarked copy of the label
- A CD of the unmarked copy of the label for "Electronic Comparison and Review"
- Certificate with Respect to Label Integrity Form
- Completed EPA Form 8570-1

Thank you in advance for approving this Notification. If you have any questions, please contact me at 336-632-2494.

Sincerely,

Pat Dinnen
Label Group Leader
Regulatory Affairs

Enclosures



Adage®-Maxim® 4FS TwinPak™

Insecticide-Fungicide

A seed treatment twin pack of thiamethoxam and fludioxonil for control of certain insects, seed and seedling diseases in potatoes.

Adage

Active Ingredient:	
Thiamethoxam*	47.6%
Other Ingredients:	52.4%
Total:	100.0%

*CAS No. 153719-23-4
Adage contains 5 pounds thiamethoxam per gallon.

100 fluid ounces
Net Contents

Maxim 4FS Fungicide

Active Ingredient:	
Fludioxonil*	40.3%
Other Ingredients:	59.7%
Total:	100.0%

*CAS No. 131341-86-1
Maxim 4FS contains 4 lbs. active ingredient per gallon.

20 fluid ounces
Net Contents

KEEP OUT OF REACH OF CHILDREN.

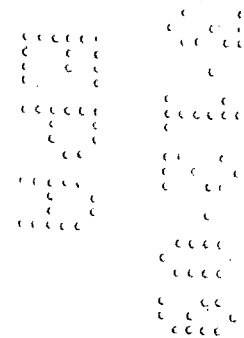
CAUTION

See additional precautionary statements and directions for use in booklet.

EPA Reg. No. 100-1249
EPA Est. XXXX

SCP 1249A-M(4-14-06)

120 fluid ounces



FIRST AID	
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
HOT LINE NUMBER For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call 1-800-888-8372	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if inhaled, swallowed, or absorbed through the skin. Causes moderate eye irritation. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse.

Personal Protective Equipment (PPE)

Applicators, Other Handlers and Re-entry Workers Must Wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material - Category A (e.g., barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride [PVC] or viton)
- Shoes plus socks

User Safety Requirements

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, 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 thoroughly with soap and water after handling.
- 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.
- 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.

Environmental Hazards

This product is toxic to fish and wildlife and highly toxic to aquatic invertebrates. 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 or rinsates.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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 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.

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 foreseeable 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.

IT IS SYNGENTA'S AND SELLER'S INTENTION THAT to the extent allowable under State law, SYNGENTA or the Seller shall not be liable 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 BE THE 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 Limitation of Warranty and 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.

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 12 hours. Exception: If the seed is treated with the product and the treated seed is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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
- Chemical-resistant gloves made of any waterproof material - Category A (e.g., barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride [PVC] or viton)
- Shoes plus socks

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

Treatment of highly mechanically scarred or damaged seed, or seed known to be of low vigor and poor quality, except for the purpose of curative control of existing diseases, may result in reduced germination and/or reduction of seed and seedling vigor. Treat a small quantity of seed using equipment similar to that planned for treating the total seed lot. Conduct germination tests on a small portion of seed before committing the total seed lot to a selected seed treatment. Due to seed quality and seed storage conditions beyond the control of Syngenta, no claims are made to guarantee the germination of carry-over seed or propagating material for all crop seed.

GENERAL INFORMATION

Adage-Maxim 4FS TwinPak is a potato seed treatment twin pack that contains a systemic seed treatment insecticide called thiamethoxam (Adage) belonging to the neonicotinoid class of chemistry and the fungicide fludioxonil (Maxim 4FS Fungicide, EPA Reg. No 100-758) belonging to the phenylpyrrole class of chemistry.

The Adage (thiamethoxam) component of the twin pack protects against damage from certain chewing and sucking insects through contact and ingestion. Adage will provide protection against injury from green peach aphids, potato aphids, Colorado potato beetles, flea beetles, leafhoppers, leafminers, psyllids and whiteflies and will also protect potato seed tuber against wireworm damage.

The Maxim 4FS Fungicide (fludioxonil) component of the twin pack protects against *Fusarium* dry rot seed decay, seed-borne *Rhizoctonia* that causes stem canker and tuber black scurf and seed borne *Helminthosporium solani*, the causal agent of silver scurf diseases on potato tubers. This product does not control bacterial disease or diseases present within the seed.

Adage-Maxim 4FS TwinPak potato seed treatment is to be used as an integral part of a potato pest management strategy. This strategy includes the use of high quality certified seed, proper crop rotation, insect population thresholds, appropriate control measures, optimal harvest time for tubers, and proper handling of tubers without bruising. Consult your local agricultural extension agent for more detailed information on insect management practices.

SEED BAG LABEL REQUIREMENTS

The Federal Seed Act requires that bags containing treated seeds shall be labeled with the following statements:

- This seed has been treated with Thiamethoxam insecticide and Fludioxonil fungicide.
- Do not use for feed, food or oil purposes.

In addition, the U.S. Environmental Protection Agency requires the following statements on bags containing seeds treated with Adage (thiamethoxam):

- Store away from food and feedstuffs.
- Wear long-sleeved shirt, long pants and chemical-resistant gloves when handling treated seed.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading.
- Dispose of all excess treated seed.

- Do not contaminate water bodies when disposing of planting equipment wash waters.
- Dispose of seed packaging in accordance with local requirements.

In the event of crop failure or harvest of a crop grown from Adage treated seed, the field may be replanted immediately to barley, canola, corn, cotton, cucurbit vegetables, fruiting vegetables, legume vegetables, mint (peppermint and spearmint), oil seed crops (rapeseed, Indian rapeseed, Indian mustard seed, field mustard seed, black mustard seed, flax seed, safflower seed, crambe seed and borage seed), root vegetables (except sugar beets), sorghum, strawberry, sunflowers, tobacco, tuberous and corm vegetables and wheat. For any other crop, the minimum plant-back interval is 120 days from the date the Adage treated seed was planted. A cover crop other than the crops listed above that is planted for erosion control or soil improvement may be planted sooner than the 120-day interval; however, the crop may not be grazed or harvested for food or feed.

APPLICATION PROCEDURES

If inert dust (fir bark, talc etc.) or a dust based fungicide is also being applied, apply the Adage-Maxim 4FS TwinPak as directed before applying the dust based products.

The following directions are based upon the use of a single Adage-Maxim 4FS TwinPak which contains 100 fluid ounces Adage and 20 fluid ounces Maxim 4FS Fungicide (EPA Reg. No 100-758).

The contents of one Adage-Maxim 4FS TwinPak is designed to treat 500 cwt. of potato seed tubers (1 cwt. equals 100 pounds of potato seed tubers.) at a rate of 0.20 fluid ounces of Adage and 0.04 fluid ounces of Maxim 4FS Fungicide (EPA Reg. No 100-758) per cwt. of potato seed tubers with a seeding rate of 16 cwt. of potato seed tubers per acre.

If the seeding rate per acre is greater than 16 cwt. or the target rate of Adage is less than 0.20 fluid ounces per cwt. of potato seed tubers, follow the **Selection of Adage Application Rates**. All directions for use are based upon the target Adage rate per cwt. of potato seed tubers.

Selection of Adage Application Rates:

Where Adage rate ranges are provided, consult your local dealer for information regarding the rate required in your area. The expected length of protection against a labeled pest is dependent upon the rate selected, pest pressure and accurate application to the potato seed tubers.

The Adage rates are determined by the seeding rate per acre (cwt. of potato seed tubers per acre). To determine the appropriate Adage rate based upon the seeding rate per acre and the pest pressure in your area, use **Table 1**.

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Table 1. Adage Use Rate for Various Seeding Rates (cwt.¹ potato seed tubers per acre).

Seeding Rate-(cwt. per acre)	Fluid Ounces of Adage per cwt. of Potato Seed Tubers
16	0.15 – 0.20 fl. oz.
17	0.14 – 0.18 fl. oz.
18	0.14 – 0.17 fl. oz.
19	0.13 – 0.16 fl. oz.
20 – 21	0.12 – 0.15 fl. oz.
22 – 24	0.11 – 0.13 fl. oz.
25 – 26	0.11 – 0.12 fl. oz.
27 – 29	0.11 fl. oz.

¹ One cwt. equals 100 pounds potato seed tubers.

To determine if additional Maxim 4FS Fungicide (EPA Reg. No 100-758) is required, follow directions in **Additional Maxim 4FS Fungicide (EPA Reg. No 100-758) Requirements.**

Additional Maxim 4FS Fungicide (EPA Reg. No 100-758) Requirements:

If the seeding rate per acre from **Table 1** is greater than 16 cwt. of potato seed tubers per acre and the Adage rate selected is less than 0.20 fluid ounces per cwt. of potato seed tubers, an additional amount of Maxim 4FS Fungicide (EPA Reg. No 100-758) than provided in the Adage-Maxim 4FS TwinPak will be required to provide the

minimum amount (0.04 fluid ounces per cwt. of potato seed tubers) necessary for protection against *Rhizoctonia* and *Helminthosporium spp.*

Under high disease pressure, a Maxim 4FS Fungicide (EPA Reg. No 100-758) rate of 0.08 fluid ounces per cwt. of potato seed tubers is required.

Use **Table 2** to determine the amount of additional Maxim 4FS Fungicide (EPA Reg. No. 100-758) required to provide the desired protection against *Rhizoctonia* and *Helminthosporium spp.*

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Table 2: Additional Maxim 4FS Fungicide (EPA Reg. No 100-758) Required to Provide Protection Against *Rhizoctonia* and *Helminthosporium* Species Under Low and High Disease Pressure

Adage Rate fluid ounces per cwt. of Potato Seed Tubers (from Table 1)	Additional Maxim 4FS Fungicide (fluid ounces per cwt. potato seed tubers) Required Under Low Disease Pressure	Additional Maxim 4FS Fungicide (fluid ounces per cwt. potato seed tubers) Required Under High Disease Pressure
0.11 fl. oz.	17 fl. oz.	53 fl. oz.
0.12 fl. oz.	14 fl. oz.	47 fl. oz.
0.13 fl. oz.	11 fl. oz.	42 fl. oz.
0.14 fl. oz.	9 fl. oz.	38 fl. oz.
0.15 fl. oz.	7 fl. oz.	34 fl. oz.
0.16 fl. oz.	5 fl. oz.	30 fl. oz.
0.17 fl. oz.	4 fl. oz.	28 fl. oz.
0.18 fl. oz.	3 fl. oz.	25 fl. oz.
0.19 fl. oz.	2 fl. oz.	23 fl. oz.
0.20 fl. oz.	None	20 fl. oz.

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Application Equipment:

Adage-Maxim 4FS TwinPak products must be applied using only approved and calibrated equipment designed to apply liquid seed treatment products to potatoes. Follow equipment manufacturer's instructions for set-up and calibration.

Ensure that spray nozzles are properly hooded and shielded to prevent spray from moving off the target potato seed tubers.

Mixing and Application Directions:

Mixing:

Thoroughly shake the product containers prior to use.

Add the entire contents of the Adage-Maxim 4FS TwinPak (100 fluid ounces Adage and 20 fluid ounces Maxim 4FS Fungicide) to the mix tank.

Based upon the Adage rate selected from **Table 1**, add any additional Maxim 4FS (EPA Reg. No. 100-758) as determined by **Table 2**.

Using **Table 3**, adjust the number of cwt. (100 pounds of potato seed tubers) to be treated by the mixture above based upon the Adage rate selected.

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Table 3. Number of cwt. (100 lb. of potato seed tubers) Treated with Entire Contents of One Adage-Maxim 4 FS TwinPak (100 fluid ounces Adage, 20 fluid ounces Maxim 4 FS Fungicide)

Adage Rate (fluid ounces cwt./100 lb. of potato seed tubers)	Number of cwt. (100 lb.) Treated
0.11 fl. oz.	909
0.12 fl. oz.	833
0.13 fl. oz.	769
0.14 fl. oz.	714
0.15 fl. oz.	667
0.16 fl. oz.	625
0.17 fl. oz.	588
0.18 fl. oz.	556
0.19 fl. oz.	526
0.20 fl. oz.	500

Application:

Apply only in well ventilated areas.

The seed treatment components in the mix tank will require dilution prior to atomization and application to potato seed tubers (follow equipment use instructions).

It is essential that the equipment be calibrated to consistently deliver a maximum of 4 fluid ounces of mixture per cwt. (100 pounds) of potato seed tubers. The quantity of water and product volume should be adjusted based upon the amount of potato seed tubers moved under the hood. Applying excess moisture may predispose the potato seed tubers to rotting resulting in poor emergence or stand.

- Use an EPA approved dye or colorant that imparts an unnatural color to the treated potato seed tubers.
- Allow potato seed tubers to dry before bagging.
- Store treated potato seed tubers away from feed and/or foddstuffs.

Treated Seed Storage

If the treated seed needs to be stored or held for a few days, make sure that there is adequate cool air (60°F) movement through the pile of cut seed potatoes at relative humidity of 85-90%. Cut and treated seed should not be piled above 6 feet in height. Best results are obtained if potatoes are planted immediately after Adage-Maxim 4FS TwinPak seed treatment. When transporting cut and treated seed, make sure the seed is covered.

STORAGE AND DISPOSAL

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

Storage

Store in a cool, dry place. Storage for extended periods above 90°F is not recommended.

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 cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be used 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 in proper disposal methods.

Container Handling

Non-refillable 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. Drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use and disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state or local authorities, by burning. If burned, stay out of smoke.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

Adage®, Maxim®, and the Syngenta logo are trademarks of a Syngenta Group Company

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For non-emergency (e.g. current product information) call
Syngenta Crop Protection at 1-800-334-9481.

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

SCP 1249A-M(4-14-06)

Ad-Max 4FS TwPk 1249A-M(4-14-06)-lg-4-26-06

20/23

(Non-detachable Container Label)

Adage®-Maxim® 4FS TwinPak™

Insecticide-Fungicide

A seed treatment twin pack of thiamethoxam and fludioxonil for control of certain insects, seed and seedling diseases in potatoes.

Adage

Active Ingredient:	
Thiamethoxam*	47.6%
Other Ingredients:	52.4%
Total:	100.0%

*CAS No. 153719-23-4
Adage contains 5 pounds thiamethoxam per gallon.

100 fluid ounces
Net Contents

Maxim 4FS Fungicide

Active Ingredient:	
Fludioxonil*	40.3%
Other Ingredients:	59.7%
Total:	100.0%

*CAS No. 131341-86-1
Maxim 4FS contains 4 lbs. active ingredient per gallon.

20 fluid ounces
Net Contents

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use in booklet.

EPA Reg. No. 100-1249
EPA Est. XXXX
SCP 1249A-M(4-14-06)

120 fluid ounces
Total Net Contents

FIRST AID	
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
HOT LINE NUMBER For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call 1-800-888-8372	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if inhaled, swallowed, or absorbed through the skin. Causes moderate eye irritation. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse.

Environmental Hazards

This product is toxic to fish and wildlife and highly toxic to aquatic invertebrates. 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 or rinsates.

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.

STORAGE AND DISPOSAL

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

Storage

Store in a cool, dry place. Storage for extended periods above 90°F is not recommended.

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 cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be used 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 in proper disposal methods.

Container Handling

Non-refillable 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. Drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use and disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state or local authorities, by burning. If burned, stay out of smoke.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

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