



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND  
POLLUTION PREVENTION

September 20, 2016

Jim Barron  
Regulatory Manager  
Arysta LifeScience North America, LLC  
15401 Weston Parkway, Suite 150  
Cary, NC 27513

Subject: Label Amendment – Voluntary use deletion on turf  
Product Name: Captan 4 Flowable  
EPA Registration Number: 66330-24  
Application Date: 3/21/2016  
Decision Number: 519152

Dear Mr. Barron:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

This amendment supports the request to voluntarily amend the registration of Captan 4 Flowable to terminate the following use:

<b>Table 1</b>	
<b>Product Name; EPA Reg. Number</b>	<b>Use Deletion</b>
Captan 4 Flowable: 66330-24	Turf

A 180 day comment period was held when the “*Notice of Receipt of Requests for Amendments to Delete Uses in Certain Pesticide Registrations*” published in the Federal Register on October 17, 2014. The Agency did not receive any public comment in response to this Notice, or a written withdrawal of the use deletion from Arysta LifeScience.

Pursuant to FIFRA section 6(f) (7 U.S.C. 136d(f)), the Agency hereby approves the requested amendment to terminate the use of Captan 4 Flowable in Table 1 above. Accordingly, the Agency orders that the product registration identified in Table 1 above is hereby amended to terminate the affected use. Any distribution, sale, or use of existing stocks of the subject product in a manner inconsistent with any of the provisions for disposition of existing stocks set forth below will be considered a violation of FIFRA.



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A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. Existing stocks are those stocks of registered pesticide products which are currently in the United States and which were packaged, labeled, and released for shipment prior to the effective date of this action terminating uses. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. Persons other than the registrant may continue to sell and/or use existing stocks of products bearing old labeling until such stocks are exhausted, provided that such use is consistent with the terms of the previously approved labeling on, or that accompanied, the modified product. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, you may contact Heather Garvie at 703-308-0034 or via email at [garvie.heather@epa.gov](mailto:garvie.heather@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Tony Kish".

Tony Kish, Product Manager 22  
Fungicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

[Text in brackets is optional]

<b>ACCEPTED</b>
09/20/2016
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 66330-24

GROUP **M** FUNGICIDE

# CAPTAN 4 FLOWABLE

**Agricultural Fungicide  
Aqueous Suspension**

**INGREDIENTS:** \_\_\_\_\_ **% BY WT.**

**ACTIVE INGREDIENTS:**

Captan* .....	37.66%
Related Derivatives .....	0.86%

**OTHER INGREDIENTS:** ..... 61.48%

**TOTAL:** ..... 100.00%

\*N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide

Contains 4 Pounds of 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).**

**See inside of booklet for complete Precautionary Statements and Directions for Use**

**CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE**

**If a known exposure occurs or is suspected, immediately start the procedures given below and CONTACT A POISON CENTER, A PHYSICIAN OR THE NEAREST HOSPITAL. Describe the type and extent of exposure, the victim's symptoms, and follow the advice given.**

<b>FIRST AID</b>	
<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.</li> <li>• Call a poison control center or doctor for treatment advice.</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 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 by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</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 by mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>NOTE TO PHYSICIAN:</b> Probable mucosal damage may contraindicate the use of gastric lavage. Corrosive to the eye. If splashed in eyes refer immediately to an ophthalmologist for evaluation, medical treatment, and follow-up care.	
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

**FOR 24-HOUR MEDICAL EMERGENCY ASSISTANCE CALL PROSAR: 1-866-303-6952 or 1-651-603-3432.**  
**FOR 24-HOUR CHEMICAL EMERGENCY (Spill, leaks, fire, exposure, or accident) CALL CHEMTREC: 1-800-424-9300 or 1-703-527-3887.**

**For Product Use Information Call 1-866-761-9397**

**EPA Reg. No. 66330-24**

**EPA Est. No.:  
NET CONTENTS:**

**Produced For:  
ARYSTA LIFSCIENCE NORTH AMERICA, LLC  
15401 Weston Parkway, Suite 150  
Cary, NC 27513**

## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**DANGER: CORROSIVE.** Causes irreversible eye damage. Harmful if swallowed or inhaled. Harmful if absorbed through skin. Avoid contact with eyes, skin and clothing. Avoid breathing vapor. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

### **PERSONAL PROTECTIVE EQUIPMENT**

Some materials that are chemical-resistant to this product are polyethylene and polyvinyl chloride.

All mixers, loaders, applicators, flaggers and other handlers (including handlers participating in seeding and transplanting as part of root-dip or greenhouse-soil treatments) must wear:

- Long-sleeved shirt and long pants.
- Shoes plus socks.
- Chemical resistant gloves made of any waterproof material (nitrile, butyl, neoprene and/or barrier laminate), except for flaggers, pilots or applicators driving motorized ground equipment.
- Chemical resistant apron when mixing/loading, participating in dip treatments, cleaning up spills, cleaning equipment, or otherwise exposed to the concentrate.
- Goggles or face shield.

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.

When handlers use closed systems, enclosed cabs, or aircraft 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/PPE 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 aquatic organisms. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and run off from treated areas may be hazardous to aquatic organisms in neighboring area. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

This product may contaminate water through drift of spray in wind. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water

tables are more prone to produce runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Sound erosion control practices will reduce this product's contribution to surface water contamination.

## DIRECTIONS FOR USE

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

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

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), notification to workers, 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:

**24 hours** for strawberries, almonds, apples, apricots, cherries, nectarines, plums/fresh prunes, and peaches.

**48 hours** for soil treatments and root dips: For soil and greenhouse bench treatments and root dips, once the treatment and any seeding or transplanting tasks done as part of the treatment are complete, the 48-hour REI begins. Exception, once the seeds or transplants are planted in the soil, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no contact with the soil subsurface.

**48 hours** for blueberries, raspberries, grapes and ornamentals grown for commercial or research.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI). **The REI for each crop is listed in the directions for use associated with each crop.**

### EARLY ENTRY PPE

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 water-proof material (nitrile, butyl, neoprene and/or barrier laminate).
- Shoes plus socks.
- Protective eyewear.

### EYE PROTECTION

To mitigate eye irritation concerns from post-application exposures, the Agency is requiring that for at least seven days following the application of **CAPTAN 4 FLOWABLE**;

1. at least one container designed specifically for flushing eyes must be available in operating condition at the WPS-required decontamination site for workers entering the area treated with **CAPTAN 4 FLOWABLE**, and
2. workers must be informed orally, in a manner they can understand:
  - a) that residues in the treated area may be highly irritating to their eyes,

- b) that they should take precautions, such as refraining from rubbing their eyes, to keep the residues out of their eyes,
- c) that if they do get residues in their eyes, they should immediately flush their eyes with the eyeflush container that is located at the decontamination site, and
- d) on how to operate the eyeflush container.

#### **DOUBLE NOTIFICATION**

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

#### **NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

##### **Entry Restrictions for Postharvest Fruit Dip**

Do not contact or allow others to contact the treated fruit until sprays have dried.

##### **Entry Restrictions for All Other Uses**

Do not enter or allow others to enter until sprays have dried.

In order that pesticide residues on food and forage crops will not exceed federal tolerances, use only at recommended rates and intervals, and do not apply closer to harvest than specified. Do not apply or allow drift of **CAPTAN 4 FLOWABLE** onto sensitive crops (e.g. D'Anjou Pears) which can cause severe phytotoxicity and crop loss.

Consult State Agricultural Experiment stations or State Agricultural Extension Service for additional information, as the time of applications needed, will vary with the local conditions.

#### **SPRAY DRIFT MANAGEMENT**

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of the many equipment-and-weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Apply only when the wind speed is 2 to 10 mph at the application site.

#### **ADDITIONAL REQUIREMENTS FOR AERIAL APPLICATIONS**

The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.

Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy.

When applications are made with a crosswind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind.

Do not make applications into temperature inversions.

#### **ADDITIONAL REQUIREMENTS FOR GROUND BOOM APPLICATION**

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

Where states have more stringent regulations, they should be observed.

The applicator should be familiar with and take into account the information covered in the Aerial Drift Reduction Advisory Information.

#### **AERIAL DRIFT REDUCTION ADVISORY**

This section is advisory in nature and does not supersede the mandatory label requirements.

## **INFORMATION ON DROPLET SIZE**

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (see Wind, Temperature and Humidity, and Temperature Inversions).

### **CONTROLLING DROPLET SIZE**

**Volume** – Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.

**Pressure** – Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.

**Number of Nozzles** – Use the minimum number of nozzles that provide uniform coverage.

**Nozzle Orientation** – Orienting nozzles so that the spray is released parallel to the air stream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.

### **BOOM LENGTH**

For some use patterns, reducing the effective boom length to 3/4 of the wingspan or rotor length may further reduce drift without reducing swath width.

### **APPLICATION HEIGHT**

Applications should not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

### **SWATH ADJUSTMENT**

When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase, with increasing drift potential (higher wind, smaller drops, etc.).

### **WIND**

Drift potential is lowest between wind speeds of 2 to 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. NOTE: Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

### **TEMPERATURE AND HUMIDITY**

When making application in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

### **TEMPERATURE INVERSIONS**

Applications should not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

## SENSITIVE AREAS

The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g. when the wind is blowing away from the sensitive areas).

## COMPATIBILITY AND PLANT SAFETY

**CAPTAN 4 FLOWABLE** can be combined safely and effectively at recommended dosage rates with most commonly used fungicides and insecticides, with the exception of oil and strongly alkaline materials. Alkaline materials such as spray lime, lime-sulfur and Bordeaux mixture will reduce the fungicidal activity of **CAPTAN 4 FLOWABLE**. Do not apply **CAPTAN 4 FLOWABLE** in combination with or immediately before or closely following oil sprays. Do not allow oil sprays on adjacent crops to drift onto crops which have been or will shortly be treated with **CAPTAN 4 FLOWABLE**. The time factor governing the safe interval between **CAPTAN 4 FLOWABLE** and oil sprays varies due to general climatic conditions, therefore, consult local agricultural spray programs and authorities to determine the proper timing. The use of spreaders which cause excessive wetting is not advised. Combinations with solvent formulation of organic phosphates should not be used. Combinations of **CAPTAN 4 FLOWABLE** and sulfur should not be used on crops sensitive to sulfur. Used at high rates or in drenching sprays, **CAPTAN 4 FLOWABLE** may cause a necrotic spotting of tender, immature leaves of certain varieties of apples, peaches, plums and cherries. This type of injury is most likely to occur in the early cover sprays during long periods of warm, cloudy, humid weather. To avoid the hazard of leaf spotting under such conditions, use Captan and other spray materials at lowest recommended rates and avoid drenching trees.

Applications can be made by aircraft or ground equipment (including concentrate and semi-concentrate equipment). Pour recommended amount of this material into nearly filled spray tank. Add balance of water. Maintain agitation during filling and spraying operations. Do not allow mixture to stand. Do not combine with emulsifiable liquids or wettable powders unless previous experience has proven them to be physically compatible and safe to plants. (Read compatibility and plant safety information).

For aerial or concentrate spray applications, apply the same amount of **CAPTAN 4 FLOWABLE** per acre as would normally be applied for dilute spray applications. Apply aerial or concentrate sprays in sufficient water for coverage.

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

## RESISTANCE MANAGEMENT

**CAPTAN 4 FLOWABLE** contains a Group M<sup>1</sup> fungicide. Fungal isolates with acquired resistance to Group M<sup>1</sup> may eventually dominate the fungal population if Group M<sup>1</sup> fungicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by **CAPTAN 4 FLOWABLE** or other Group M<sup>1</sup>.

To delay fungicide resistance consider:

- Avoiding the consecutive use of **CAPTAN 4 FLOWABLE** or other target site of action Group M<sup>1</sup> fungicides that have a similar target site of action, on the same pathogens.
- Using tank-mixtures or premixes with fungicide from different target site of action Groups as long as the involved products are all registered for the same use and are both effective at the tank mix or prepack rate on the pathogen(s) of concern.
- Basing fungicide use on a comprehensive IPM program.
- Monitoring treated fungal/bacterial populations for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisors, and/or manufacturer for fungicide resistance management and/or IPM recommendations for specific crops and resistant pathogens.
- For further information or to report suspected resistance, you may contact ARYSTA LIFESCIENCE NORTH AMERICA, LLC at toll free number 1-866-761-9397.



<sup>1</sup>The Multi-site activity grouping, designated by symbol “M”, comprises a collection of various chemicals that act as general toxophores with several sites of action. These sites may differ between group members.

### **GENERAL USE PRECAUTIONS**

Except as specified, begin applications before or at first sign of disease and repeat as needed to maintain control, but observe use limitations. Unless otherwise specified, application can be made on the day of harvest. Maximum application is for a crop cycle. Crop cycle is defined as prebloom through postharvest. Apply the high rate and/or spray at shorter intervals when climatic conditions most favor disease(s). If you are unaware of the climatic conditions favorable for disease(s) claimed for the specific use sites, you must consult with your State Agricultural Extension Service to learn of these conditions.

### **IMPORTANT**

Read label carefully. Although most of the directions on this label may be followed nationwide, a few are limited to either the eastern or western U.S. Follow those directions for your growing area where specified.

## **FRUIT AND NUT CROPS**

### **ALMONDS**

Brown rot, twig and blossom blight, shothole, scab, leaf blight, anthracnose (for control of anthracnose, use in a disease and resistance management program of rotational sprays with other approved materials) – Apply 4.5 qts **CAPTAN 4 FLOWABLE** per acre in 20 to 300 gallons of water using ground equipment or in 5 to 20 gallons of water by air. Apply at popcorn, bloom and petal fall stages and up to 5 weeks after petal fall.

The maximum application rate is 4.5 qts of **CAPTAN 4 FLOWABLE** per acre (4.5 lb ai/acre). Do not apply more than 20 qts or 20 lbs active ingredient per acre per season (from pre-bloom to post-harvest). Preharvest Interval (PHI) = 30 days. Note the restricted entry interval (REI) is 24 hours. Almond hulls may be fed to livestock.

### **APPLES (Eastern U.S.)**

Primary scab, black rot, Botrytis blossom end rot – Apply 4 qts of **CAPTAN 4 FLOWABLE** per acre in 20 to 400 gallons of water using ground equipment or in 5 to 20 gallons of water by air. Apply in pre-bloom, bloom, petal fall and cover spray at an interval of 5 to 7 days as needed.

Secondary scab, black rot, black pox, bitter rot, Botryosphaeria rot, Brooks fruit spot, Fly speck, Sooty blotch – Apply 4 qts of **CAPTAN 4 FLOWABLE** per acre in 20 to 400 gallons of water using ground equipment or in 5 to 20 gallons of water by air. Apply in second and late cover sprays at an interval of 10 to 14 days as needed.

Powdery mildew – If powdery mildew is a problem, add 3 - 6 pounds of sulfur per acre to all post bloom sprays until foliage matures. Do not use **CAPTAN 4 FLOWABLE** in combination with or closely following or in alternation with wettable sulfur products on sulfur sensitive varieties of apples such as Red Delicious, Staymen, Baldwin, King, etc., as severe injury and defoliation may occur.

The maximum application rate is 4 qts of **CAPTAN 4 FLOWABLE** per acre (4 lb ai/acre). Do not apply more than 32 qts or 32 lbs active ingredient per acre per season (from pre-bloom to post-harvest). Preharvest Interval (PHI) = 0 days. Note the restricted entry interval (REI) is 24 hours.

### **APPLES (Western U.S.)**

Primary scab – Apply 4 qts **CAPTAN 4 FLOWABLE** per acre in a high volume application for preblossom sprays. In mid-summer, the dosage may be reduced to 2 qts per acre in high volume application. Dilute in 20 to 400 gallons of water per acre using ground equipment or in 5 to 20 gallons of water by air.

### **(Pacific Northwest)**

Bull's eye rot, Botrytis rot – Apply 4 qts **CAPTAN 4 FLOWABLE** per acre in 20 to 400 gallons of water using ground equipment or in 5 to 20 gallons of water by air. Make 1 or 2 applications with late cover sprays and 1 final spray prior to harvest.

The maximum application rate is 4 qts of **CAPTAN 4 FLOWABLE** per acre (4 lb ai/acre). Do not apply more than 32 qts or 32 lbs active ingredient per acre per season (from pre-bloom to post-harvest). Preharvest Interval (PHI) = 0 days. Note the restricted entry interval (REI) is 24 hours.

### **APRICOTS**

Brown rot (twig blight), jacket rot – Apply 2.5 qts **CAPTAN 4 FLOWABLE** per acre in 20 to 250 gallons of water using ground equipment or in 10 to 20 gallons of water by air. Apply in red bud bloom, 75% petal fall and cover sprays.

The maximum application rate of **CAPTAN 4 FLOWABLE** is 2.5 qts of **CAPTAN 4 FLOWABLE** per acre (2.5 lb ai/acre). Do not apply more than 12.5 qts or 12.5 lbs active ingredient per acre per season (from pre-bloom to post-harvest). Preharvest Interval (PHI) = 0 days. Note the restricted entry interval (REI) is 24 hours.

### **BLUEBERRIES (Western U.S.)**

Botrytis gray mold or berry rot, mummyberry – Apply 1 - 2.5 qts **CAPTAN 4 FLOWABLE** per acre in 20 to 200 gallons of water by ground or in 5 to 20 gallons of water by air. Begin at mid-bloom, repeat at 7 to 10 day intervals until maturity.

The maximum application rate is 2.5 qts of **CAPTAN 4 FLOWABLE** per acre (2.5 lb ai/acre). Do not apply more than 35 qts or 35 lbs active ingredient per acre per season (from pre-bloom to post-harvest). Preharvest Interval (PHI) = 0 days. Note the restricted entry interval (REI) is 48 hours.

### **BLUEBERRIES (Eastern U.S.)**

Botrytis gray mold or berry rot, mummyberry – Apply 2.5 qts **CAPTAN 4 FLOWABLE** per acre in sufficient water for thorough coverage or in a minimum of 5 gallons of water by air. Start spray program when buds swell and earliest buds have loose scales. Repeat at 7 day intervals through blossom period. Repeat at 7 to 10 day intervals from late bloom.

The maximum application rate is 2.5 qts of **CAPTAN 4 FLOWABLE** per acre (2.5 lb ai/acre). Do not apply more than 35 qts or 35 lbs active ingredient per acre per season (from pre-bloom to post-harvest). Preharvest Interval (PHI) = 0 days. Note the restricted entry interval (REI) is 48 hours.

### **CHERRIES (Eastern U.S.)**

Brown rot, leaf spot, Botrytis rot – Apply 2 quarts **CAPTAN 4 FLOWABLE** per acre in 20 to 200 gallons of water using ground equipment or in 10 to 20 gallons of water by air. Apply in prebloom, bloom, petal fall, shuck, cover and preharvest sprays. Applications at 3 to 4 day intervals may be necessary during bloom to control blossom blight. Repeat applications at 7 to 10 day intervals as needed to maintain control up to start of harvest. If powdery mildew is a problem, add 3 - 6 lbs sulfur per acre to the petal fall, shuck or early cover sprays. If sulfur is added, **CAPTAN 4 FLOWABLE** may be reduced to 1 quart per acre in these sprays.

Post-harvest sprays: Leaf spot – Apply 2 quarts **CAPTAN 4 FLOWABLE** per acre in 20 to 200 gallons of water using ground equipment. Apply immediately after harvest and repeat application in 10 to 14 days.

The maximum application rate is 2 qts of **CAPTAN 4 FLOWABLE** per acre (2 lb ai/acre). Do not apply more than 14 qts or 14 lbs active ingredient per acre per season (from pre-bloom to post-harvest). Preharvest Interval (PHI) = 0 days. Note the restricted entry interval (REI) is 24 hours.

### **CHERRIES (Western U.S.)**

Brown rot blossom blight, brown rot (fruit), leaf spot – Apply 2 qts **CAPTAN 4 FLOWABLE** per acre in 20 to 200 gallons of water using ground equipment or in 10 to 20 gallons of water by air. Apply in prebloom, bloom, petal fall, shuck, cover and preharvest sprays.

The maximum application rate is 2 qts of **CAPTAN 4 FLOWABLE** per acre (2 lb ai/acre). Do not apply more than 14 qts or 14 lbs active ingredient per acre per season (from pre-bloom to post-harvest). Preharvest Interval (PHI) = 0 days. Note the restricted entry interval (REI) is 24 hours.

#### **GRAPES (U.S., except California)**

Phomopsis cane and leaf spot, downy mildew, suppression of black rot – Apply 1 - 2 quarts **CAPTAN 4 FLOWABLE** per acre in 20 to 200 gallons of water using ground equipment or in 7 to 20 gallons of water by air; when shoots are 1/2 to 1 1/2 inches long, when shoots are 3 to 5 inches long, and when shoots are 9 to 12 inches long. Repeat just before bloom, immediately after bloom, and continue at 10 to 14 day intervals as long as disease conditions persist. Use the lower rate when spraying less susceptible grape varieties or when conditions are less favorable for disease development. Use the higher rate on susceptible grape varieties and during periods of weather highly favorable for disease development.

Bunch rot (Botrytis) – Apply 2 quart **CAPTAN 4 FLOWABLE** per acre in 20 to 200 gallons of water using ground equipment or in 7 to 20 gallons of water by air. Make 2 applications before bloom and 1 immediately after bloom. Repeat periodically, making 3 cover applications before bunches close.

The maximum application rate is 2 qts of **CAPTAN 4 FLOWABLE** per acre (2 lb ai/acre). Do not apply more than 12 qts or 12 lbs active ingredient per acre per season (from pre-bloom to post-harvest). Preharvest Interval (PHI) = 0 days. Note the restricted entry interval (REI) is 48 hours.

#### **GRAPES (California)**

Bunch rot (Botrytis) – Apply 2 qts **CAPTAN 4 FLOWABLE** per acre in 20 to 200 gallons of water using ground equipment. Make 2 applications before bloom and immediately after bloom. Repeat periodically making 3 cover applications before the bunches close.

Phomopsis cane and leaf spot (current season infection) – Apply 1.5 - 2 qts **CAPTAN 4 FLOWABLE** per acres in 20 to 200 gallons of water using ground equipment. Apply 2 qts **CAPTAN 4 FLOWABLE** per acre in 7 to 20 gallons of water by aircraft. Apply first spray when green tissue begins to show but before shoots are 1 inch long and repeat application when shoots are 6 to 8 inches long.

The maximum application rate is 2 qts of **CAPTAN 4 FLOWABLE** per acre (2 lb ai/acre). Do not apply more than 12 qts or 12 lbs active ingredient per acre per season (from pre-bloom to post-harvest). Preharvest Interval (PHI) = 0 days. Note the restricted entry interval (REI) is 48 hours.

#### **NECTARINES**

Brown rot, scab – Apply 2.5 qts **CAPTAN 4 FLOWABLE** per acre in 20 to 250 gallons of water using ground equipment or in 10 to 20 gallons of water by air. Apply in full pink, bloom, petal fall, shuck, cover and preharvest sprays. Applications at 3- to 4-day interval may be necessary during bloom to control blossom blight. Repeat application at 7 to 14 day intervals as needed to maintain control. Continue application through harvest if conditions favor brown rot. If powdery mildew is a problem, add 7.5 lbs sulfur per acre to the petal fall, shuck and early cover sprays. If sulfur is added, **CAPTAN 4 FLOWABLE** may be reduce to 1.5 qts per acre in these sprays.

Shothole (peach blight, Coryneum blight) – Apply 4 qts **CAPTAN 4 FLOWABLE** per acre in 20 to 250 gallons of water using ground equipment. Apply in pink bud, full bloom, petal fall and cover sprays as necessary and as a post-harvest spray (but before leaves drop). Do not apply by aerial application to nectarines.

The maximum application rate is 4 qts of **CAPTAN 4 FLOWABLE** per acre (4 lb ai/acre). Do not apply more than 24 qts or 24 lbs active ingredient per acre per season (from pre-bloom to post-harvest). Preharvest Interval (PHI) = 0 days. Note the restricted entry interval (REI) is 24 hours.

#### **PEACHES**

Brown rot, scab – Apply 4 qts **CAPTAN 4 FLOWABLE** per acre in 20 to 400 gallons of water using ground equipment. Apply in full pink, bloom, petal fall, shuck stages and in cover and preharvest sprays. Applications at 3 to 4 day intervals may be necessary during bloom to control blossom blight. Repeat application at 7 to 14 day intervals as needed to maintain control. Continue applications through harvest if conditions favor brown rot. If powdery mildew is a problem, add 12 lbs sulfur per

acre to the petal fall, shuck and early cover spray. If sulfur is added, **CAPTAN 4 FLOWABLE** may be reduced to 2 qts per acre in these sprays.

Shothole (peach blight, *Coryneum* blight) – Apply 4 qts **CAPTAN 4 FLOWABLE** per acre in 20 to 400 gallons of water using ground equipment. Apply in pink bud, full bloom, petal fall stages and cover sprays as necessary and as a post-harvest spray (but before leaves drop).

The maximum application rate is 4 qts of **CAPTAN 4 FLOWABLE** per acre (4 lb ai/acre). Do not apply more than 32 qts or 32 lbs active ingredient per acre per season (from pre-bloom to post-harvest). Preharvest Interval (PHI) = 0 days. Note the restricted entry interval (REI) is 24 hours.

#### **PEACHES (NURSERY STOCK) (California)**

Preventative preplant dip treatment for crown gall. Use 2 qts **CAPTAN 4 FLOWABLE** plus 3.2 pints diluted sodium hypochlorite (5.25% household bleach) per 100 gallons of water. Wash nursery trees to remove soil from roots. Cut off all dormant buds and suckers in crown area and prune root system if necessary. Submerge the entire dormant tree for 5 minutes. Recharge dip during operation as necessary to maintain a proper concentration of 200 ppm chlorine. Check the concentration frequently using a chlorine test kit.

#### **PLUMS, FRESH PRUNES (Eastern U.S.)**

Brown rot – Apply 3 quarts of **CAPTAN 4 FLOWABLE** per acre in 20 to 300 gallons of water using ground equipment or in 10 to 20 gallons of water by air. Apply in full pink, bloom and petal fall sprays. Repeat applications at 7 to 14 day intervals as needed to maintain control. Continue applications through harvest if conditions favor brown rot. The addition of a neutral spreader has improved coverage.

The maximum application rate is 3 qts of **CAPTAN 4 FLOWABLE** per acre (3 lb ai/acre). Do not apply more than 27 qts or 27 lbs active ingredient per acre per season (from pre-bloom to post-harvest). Preharvest Interval (PHI) = 0 days. Note the restricted entry interval (REI) is 24 hours.

#### **PLUMS, FRESH PRUNES (Western U.S.)**

Brown rot – Apply 3 qts **CAPTAN 4 FLOWABLE** per acre in 20 to 300 gallons of water using ground equipment or in 10 to 20 gallons of water by air. Apply at green bud, popcorn, bloom and petal fall stages. Repeat in cover sprays as conditions warrant.

Prune russet scab (Lacey scab) – Apply 3 qts **CAPTAN 4 FLOWABLE** per acre in 20 to 300 gallons of water using ground equipment. Apply at full bloom.

The maximum application rate is 3 qts of **CAPTAN 4 FLOWABLE** per acre (3 lb ai/acre). Do not apply more than 27 qts or 27 lbs active ingredient per acre per season (from pre-bloom to post-harvest). Preharvest Interval (PHI) = 0 days. Note the restricted entry interval (REI) is 24 hours.

#### **RASPBERRIES, BLACKBERRIES AND DEWBERRIES**

For the control of Anthracnose, Botrytis and spur blight – Apply 2 qts of **CAPTAN 4 FLOWABLE** per acre when blossoms are in bud (young canes are 8 to 10" long). Make second application two weeks later. Apply a fall spray after old canes are removed.

For the control of Fruit rot – Apply 2 qts of **CAPTAN 4 FLOWABLE** per acre at early bloom (5 to 10% bloom) and again at full bloom. Additional applications can be made at 10 to 14 day intervals as needed. Do not apply within 3 days of harvest (PHI = 3 days).

Apply **CAPTAN 4 FLOWABLE** as indicated in this section in 45 to 100 gallons of water per acre using ground equipment or in 10 to 20 gallons of water by air. Use the higher volume as foliage increases. Do not apply more than 10 qts of **CAPTAN 4 FLOWABLE** per acre per crop cycle (10 lbs ai/acre per crop cycle). Note the restricted entry interval (REI) is 48 hours.

#### **STRAWBERRIES**

Botrytis (gray mold), leaf spot – Apply 3 qts **CAPTAN 4 FLOWABLE** per acre in sufficient water for thorough coverage by ground equipment or in 10 to 20 gallons of water by air. Begin application when new growth starts in the spring and before fruit starts to form. Repeat at 7 to 14 day intervals.

Under conditions favorable to fruit rot, continue applications through harvest period treating immediately after each picking.

Anthraxnose Fruit rot (*Colletotrichum acetatum*) – Apply 3 qts **CAPTAN 4 FLOWABLE** per acre (3.0 lbs ai/acre) in sufficient water for thorough coverage by ground equipment. Begin applications at flower bud emergence. Apply at 7 day intervals through harvest.

The maximum rate is 3 qts of **CAPTAN 4 FLOWABLE** per acre (3 lb ai/acre. Do not apply more than 24 qts or 24 lbs active ingredient per acre per season (from pre-bloom to post-harvest). Preharvest Interval (PHI) = 0 days. Note the restricted entry interval (REI) is 24 hours.

When applying as directed/banded spray, use band rate of **CAPTAN 4 FLOWABLE** according to the following formula:

$$\frac{\text{Plant Bed Width (inches)}}{\text{Row Spacing (inches)}} \times \text{Broadcast Rate per acre} = \text{Banded Rate of } \mathbf{CAPTAN\ 4\ FLOWABLE} \text{ per acre}$$

### **POST-HARVEST DIP**

For use in mechanical fruit-dip operations only. Hand dipping of fruit prohibited. Captan can be used as a post-harvest dip or wash on the following crops for prevention of various rots and molds (Rhizopus, Botrytis, Gloeosporium) during storage: Apples, Cherries, Pears. Dilution rate: Use 1.25 qt per 100 gallons of water. Apply as a spray or in dip tank. When used as a dip, recharge wash solution periodically as volume in tank is deleted. When tank volume is reduced 25%, bring water back to volume adding 0.125 qt **CAPTAN 4 FLOWABLE** for every 10 gallons of water added. At end of every 8-hour shift, empty tank, flush and charge with fresh dilution. Do not allow dip tank solution to stand overnight. Maintain continuous agitation during dipping operations. Do not contact or allow others to contact the treated fruit until the sprays have dried.

Captan wastes are acutely hazardous. Improper disposal of spray or dip tank mixtures is a violation of Federal Law. Contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance concerning the disposal of spent or excess dip tank mixtures.

## **ORNAMENTALS**

### **USE PRECAUTIONS**

Do not apply spray to ornamental plants listed in the following sections beyond the point of drip from the leaf surface. When applying as a drench, apply only sufficient mixture to wet the surface of the soil except when the dose is specified in terms of volume of mixture per square foot of area.

### **POST-APPLICATION/ENTRY RESTRICTIONS:**

For applications to ornamentals at non-commercial sites, do not enter or allow others to enter until sprays have dried. The restricted entry interval (REI) for ornamentals grown for commercial or research use is 48 hours.

### **AZALEAS**

Damping-off of cuttings – Use 2 qts **CAPTAN 4 FLOWABLE** per 107 gallons of water. Dip cuttings before bedding. Petal blight – Use 1.0 qt **CAPTAN 4 FLOWABLE** per 100 gallons of water. Apply to soil area around plants and spray flowers just before bloom. Repeat at 7 to 14 day intervals through bloom.

### **BEGONIAS (Tuberous)**

Damping-off, tuber rot – Use 2 qts **CAPTAN 4 FLOWABLE** per 100 gallons of water. Dip tubers 30 minutes, drain and plant.

### **CAMELLIAS**

Petal blight – Use 0.5 qts **CAPTAN 4 FLOWABLE** per 100 gallons of water. Apply to drench soil around plants beginning when flowers start to open. Repeat at 7 to 10 day intervals through bloom.

## **CARNATIONS**

Alternaria leaf spot, rust – Use 1 qt **CAPTAN 4 FLOWABLE** per 100 gallons of water. Begin application at first sign of disease. Repeat at 7 to 10 day intervals. Shorten intervals during frequent rains and heavy dews. Damping-off of cuttings – Use 1 qt **CAPTAN 4 FLOWABLE** per 100 gallons of water. Dip cuttings before bedding.

## **CHRYSANTHEMUM**

Botrytis flower blight, Septoria leaf spot – Use 1 qt **CAPTAN 4 FLOWABLE** per 100 gallons of water. Apply at first sign of disease. Repeat at 7 to 10 day intervals. Damping-off of cuttings – Use 2 qts **CAPTAN 4 FLOWABLE** per 107 gallons of water. Dip cuttings before bedding.

## **GLADIOLUS (Corms)**

Corm rot and decay, Damping-off – Use 6 fl oz (3/16 qt) **CAPTAN 4 FLOWABLE** per 10 gallons of water, dip corms 20 to 30 minutes. Drain and plant.

## **ROSES**

Black spot, Botrytis blossom blight – Use 1 qt **CAPTAN 4 FLOWABLE** per 100 gallons of water. Begin at first growth or first sign of disease. Repeat at 7 to 14 day intervals, and more frequently during frequent rains and heavy dews.

## **SOIL AND GREENHOUSE BENCH TREATMENT**

Pre-plant treatment for damping-off, root rot disease on seedlings or transplants of roses (and other shrubs, trees, flowers)– Use 1 qt **CAPTAN 4 FLOWABLE** per 100 gallons of water at a rate of 15 gallons of spray per 1,000 square feet. Cultivate into upper 3 to 4 inches of soil before planting.

Only the applicator is permitted to be in the greenhouse during application of Captan. Open vents to greenhouse during application and for at least 1 hour after application.

Note the restricted entry interval (REI) is 48 hours. Once the treatment and any seeding or transplanting tasks done as part of the treatment are complete, the 48-hour REI begins. Exception, once the seeds or transplants are planted in the soil, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no contact with the soil subsurface.

## **SEED TREATMENT**

### **SEED BAG LABEL REQUIREMENTS**

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

- This seed has been treated with **CAPTAN 4 FLOWABLE**, a fungicide containing captan.
- Do not use treated seed for feed, food, or oil purposes.

The following statements are required on containers containing seed treated with captan:

- Store treated seed away from food and feedstuffs.
- Do not allow children, pets or livestock to have access to treated seeds.
- Wear long pants, long-sleeved shirt and protective gloves when handling treated seed.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting.
- Dispose of all excess treated seed by burying seed away from bodies of water.
- Do not contaminate bodies of water when disposing of planting equipment wash water.
- Dispose of seed packaging or containers in accordance with local requirements.
- Excess treated seed may be used for ethanol production if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agronomic practice.

**USE RESTRICTION:** When using formulations that do not contain dye, to comply with 40 CFR 153.155, all seed treated with an economic poison must be colored to distinguish and prevent subsequent inadvertent use as a food for man or feed for animals.

## USE DIRECTIONS

**CAPTAN 4 FLOWABLE** is an aqueous suspension suitable for the treatment of seed prior to storage and planting, to protect seed from molds and other fungi causing storage loss and to protect seed from seed-borne and soil-borne fungi which cause seed decay, damping-off and seedling blights.

Read all directions before using and use only as specified on the label.

Before using – stir thoroughly to mix contents.

Thoroughly mix the recommended amount of **CAPTAN 4 FLOWABLE** into the required amount of water for the slurry treater equipment and dilution rate to be used. Clean equipment thoroughly between treating operations.

Seed treated by the slurry method should not be bagged until such time as the seed has had an opportunity to dry. Store in well ventilated areas. If seed is bagged when wet, heat is developed and impairs seed germination.

The following table gives the prescribed amounts of **CAPTAN 4 FLOWABLE** to use on various seeds.

SEED TREATMENT DOSAGE RATES	
SEED	DOSAGE (fl oz/100 lb)
Alfalfa, Clover, Lespedeza, Trefoil	8
Beans (Snap, dry, cowpeas)*	2.6
Beets (table)	12
Cereal Grains (For seed and seedling rots – will not control bunt smut)	
Barley, Rye	3
Oats	4
Wheat	2
Cole Crops (Broccoli, Brussels sprouts, Cabbage, Cauliflower)	2.2
Corn – Field	2.2
Sweet	4
Cotton – Acid Delinted	5
- Reginned	7
- Fuzzy	7
Cucumber, Cantaloupe	3.2
Crucifers (Mustard, Rape)	1.6
Flax	4
Grasses	8.2
Sorghum Seed (Milo)	6
Onions (Pelleting)	1.6
Peanuts	6
Peas	2.6
Peppers (California Wonder)	2
Radish	2.2
Sorghum (Hulled) – For Kernel Smut	6
Soybeans	2.6
Spinach	6.6
Squash, Pumpkin, Watermelon, Muskmelon	2
Sugar Beets - West	6
Sugar Beets - East	12
Sunflowers	4
Swiss Chards	12
Turnips	3

\*Do not use on lima beans.

Gladiola Bulbs – Prevention of bulb rot – Use 1 qt in 107 gal water. Soak bulbs in mixture 20 to 30 minutes.

Further specific information of the subject of seed treatment may be obtained from State Agricultural Experimental Stations of the State Agricultural Extension Service.

## **STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited. Do not reuse empty container.

**PESTICIDE STORAGE:** Keep pesticide in original container. Store in cool dry place (below 110°F). Protect from freezing temperatures (32°F or lower).

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. 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 HANDLING:**

#### **Nonrefillable containers equal to or less than 5 gallons:**

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. 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 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 or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

#### **Nonrefillable containers greater than 5 gallons:**

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ 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.

Offer for recycling, if available, or puncture and dispose in a sanitary landfill, or by incineration, or if allowed by state and local authorities by burning. If burned, stay out of smoke.



### **Warranty and Disclaimer Statement**

The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of Arysta LifeScience North America, LLC ("Arysta"), and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

Arysta 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 described above, when used in accordance with the Directions for Use under normal conditions. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to Arysta, and is subject to the inherent risks described above.

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