

55260-6

01-18-2012

Socket

1  
9



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

Bert Volger  
Agriphar S.A.  
C/o Ceres International LLC  
1087 Heartsease Drive  
West Chester, PA 19382

JAN 18 2012

Subject: Syllit FL Fungicide  
EPA Reg. No. 55260-6  
Amendment dated: December 12, 2011  
EPA Decision No. 459480

Dear Mr. Volger,

The amended label referred to above, submitted in connection with registration under the Federal, Insecticide, Fungicide, and Rodenticide Act as amended is acceptable. One copy of the label stamped "Accepted" is enclosed for your records. Please submit one copy of the final printed label before the product is released for shipment. Should you have any further questions, please feel free to contact Tamue L. Gibson by email at [gibson.tamue@epa.gov](mailto:gibson.tamue@epa.gov) or telephone at (703) 305-9096.

Sincerely,

A handwritten signature in cursive script that reads "Mary J. Waller".

Mary Waller  
Product Manager (21)  
Fungicide Branch  
Registration Division (7504P)

Enclosure: Label stamped Accepted





ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

1/18/2012

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No. 55260-6

55260-6

# SYLLIT<sup>®</sup> FL FUNGICIDE

FOR CONTROL OF CERTAIN DISEASES OF APPLES, BANANAS, CHERRIES,  
PEACHES, PEANUTS, PEARS, PECANS AND WALNUTS.

## ACTIVE INGREDIENT:

Dodine (n-dodecylguanidine acetate) 39.6%\*

OTHER INGREDIENTS: 60.4%

TOTAL: 100.0%

\*Equivalent to 3.4 pounds Dodine per gallon

EPA Reg. No. 55260-6

EPA Est. No. 55260-BL-001

Net Contents:....

## 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.)

### FIRST AID

**IF IN EYES:** 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.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing and shoes. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:** 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

### HOT LINE NUMBER

For MEDICAL and TRANSPORTATION EMERGENCIES ONLY call **CHEMTREC 24 hours**  
a day **800-424-9300**. For PRODUCT USE Information call your Distributor.

"Have the product container or label with you when calling a poison control center or doctor, or  
going to treatment."

### NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the usage of gastric lavage.



**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**DANGER**

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

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

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

All mixers, loaders, applicators and other handlers must wear:

- Coveralls over short sleeved shirt and short pants,
- Chemical-resistant footwear plus socks,
- Chemical-resistant gloves,
- Goggles or face shield,
- Chemical-resistant headgear for overhead exposure,
- Chemical-resistant apron for mixers and loaders

See engineering controls for additional requirements.

**USER SAFETY REQUIREMENTS**

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.

**ENGINEERING CONTROLS**

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.249(d)(6)].

**USER SAFETY RECOMMENDATIONS**

User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of the gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, or 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 washwater or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

Surface Water and Erosion Control Statement: This product may contaminate water through runoff and has the potential for runoff for several weeks 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.



214

## 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 regulations.

### 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 intervals. 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 48 hours.

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 worn over short-sleeve shirt and short pants,
- chemical-resistant gloves made of any waterproof material,
- chemical-resistant footwear plus socks,
- protective eyewear, and
- chemical-resistant headgear (if overhead exposure).

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

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Do not store in or around the home. Storage should be under lock and key and secure from access by unauthorized persons, children and animals. Do not use or store near heat, open flame or hot surfaces. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Carefully open containers. After partial use, replace lid and keep container tightly sealed. Keep container tightly closed when not in use. Avoid contamination with acids and alkalis. Store in original containers only.

**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:** Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying.

**Nonrefillable container equal to or less than 5 gallons:** 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.



5/9

## USE RESTRICTIONS AND PRECAUTIONS

Do not apply this product through any type of irrigation system.  
Do not apply in greenhouses.  
Do not graze livestock in treated fields, orchards or treated groves.  
Consult your state experiment station or state extension service for proper timing of sprays.

## RESISTANCE MANAGEMENT

It is known that certain plant pathogens might develop resistance to products used repeatedly for disease control. For good resistance management practices, it is recommended to follow the specific use directions on the label. It is essential to alternate or tank-mix SYLLIT® FL with other labeled fungicides that have a different mode of action. This management program will prevent the buildup of resistance and will ensure that SYLLIT FL Fungicide can be maintained as a valuable fungicide.

## DILUTE AND CONCENTRATE SPRAYS

SYLLIT FL may be used effectively in dilute and concentrate sprays when applied properly to deliver the labeled rate (pints per acre). Trees must be covered uniformly. Do not excessively drench fruit and foliage with dilute sprays. Avoid heavy deposits when using concentrate sprays.

## INSTRUCTIONS FOR MIXING

Add SYLLIT FL directly to the spray tank when half filled with water. Keep agitator running during filling and spraying.

## COMPATIBILITY

Experience indicates that SYLLIT FL can be used effectively at specified dosages with most of the commonly used fungicides, herbicides, insecticides and acaricides. However, some incompatibilities were identified, therefore we always recommend to test the compatibility of the products used in combination with SYLLIT FL at small scale before spraying or to ask your local distributor about potential incompatibility.

Observe all precautions and limitations on labeling of all products used in mixtures. Follow the most restrictive label limitations and precautions. No label dosage rates may be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing.

## SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity), and method of application (e.g., ground, aerial airblast) can influence pesticide drift. The applicator and grower must evaluate all factors and make appropriate adjustments when applying this product.

## WIND SPEED

Do not apply at wind speeds greater than 10 mph at the application site.

## DROPLET SIZE

Apply as a medium or coarser spray (ASAE standard 572), except when making orchard airblast applications. For orchard airblast applications, apply at the largest droplet size that provides sufficient coverage and control.

## GROUND APPLICATION

**Release Height** – Do not release spray at a height greater than 4 feet above the ground or crop canopy.

## AIRBLAST

Sprays must be directed into the crop canopy. Turn off outward pointing nozzles at row ends and when spraying outer rows.



**AERIAL APPLICATION**

**Release Height** – Do not release spray at a height greater than 10 feet above the ground or crop canopy.

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

**Swath Adjustment** – When applications are made with a cross-wind, the swath will be displaced downwind. The applicator must compensate for the displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind. Leave at least one swath unsprayed at the downwind edge of the treated field.

**APPLES**

**Restrictions:**

- Do not apply more than 9 pints of SYLLIT FL per acre per year (4 lbs ai/acre/year).
- Do not apply more than 3 applications per year
- Do not apply less than 7 days from the last application.
- Do not apply within 7 days of harvest.

**Scab - Protection Schedule**

**Ground and Air Application:** Use 1.5 to 3 pints per acre of SYLLIT FL at 7 day intervals to maintain scab control beginning at green tip in tank-mix with a captan based formulation (2 lbs ai/acre) or with a mancozeb based formulation (2.25 lbs ai/acre). Fill the spray tank with clean water half of final desired volume. Start agitation. Slowly add SYLLIT FL at the specified rate. Slowly add captan or mancozeb based formulation at the specified rate. Add water to desired final volume. Mix thoroughly and apply at once. Maintain sufficient agitation during mixing and spraying operations to ensure a uniform spray mixture.

**BANANA**

**Restrictions:**

- Do not apply more than 5 applications at 1.5 pints of SYLLIT FL per acre per year (0.65 lbs ai/acre/year).
- Do not apply more than 7.5 pints of product per acre per season (3.2 lbs ai/acre/season).

**Sigatoka (Air Application):** Use 0.85 to 1.5 pints per acre of SYLLIT FL as needed to maintain Sigatoka control in a mixture of 19 to 25 pints water/acre and 4 pints mineral oil/acre. Repeat application thereafter at 7 to 15 day interval. It is recommended for subsequent cover sprays to use SYLLIT FL in rotation with other labeled fungicides that have a different mode of action.

**CHERRIES (SOUR AND SWEET)**

**Restrictions:**

- Do not apply more than 12 pints of SYLLIT FL per acre per year (5.2 lbs ai/acre/year).
- Do not apply more than 2 applications per year at a rate of 3 pints of SYLLIT FL per acre per application (1.3 lbs ai/acre/application).
- Do not apply more than 4 applications per year at a rate of 1.5 pints of SYLLIT FL per acre per application (0.65 lbs ai/acre/application).
- Do not apply less than 7 days from the last application.
- Repeat applications must follow crop restrictions.
- Do not apply within 7 days of harvest.

**Leaf Spot:** Use 1.5 to 3 pints of SYLLIT FL per acre at petal fall or when first leaves unfold. Repeat application thereafter at 7 to 10 day intervals. If conditions favor leaf spot, continue applications through harvest. For resistance management, tank-mix with a captan based formulation (2 lbs ai/acre). Fill the spray tank with clean water at half of the final desired volume. Start agitation. Slowly add SYLLIT FL at the specified rate. Slowly add captan at the specified rate. Add water to desired final volume. Mix thoroughly and apply at once. Maintain sufficient agitation during mixing and spraying operations to ensure a uniform spray mixture.

**Post-Harvest Sprays:** Apply 1.5 to 3 pints of SYLLIT FL per acre immediately after harvest and as needed.



7  
9

**Blossom Brown Rot (Western States Only):** Use 3 pints of SYLLIT FL per acre at the time petals begin to open. Repeat application at full bloom and again at petal fall. Applications of SYLLIT FL to cherries when temperatures and humidity are excessively high may cause spotting to foliage or fruit.

**PEACHES:**

**Restrictions:**

- Do not apply more than 18 pints of SYLLIT FL per acre per year (7.8 lbs ai/acre/year).
- Do not apply more than 2 applications per year at a rate of 4.5 pints of SYLLIT FL per acre per application (1.95 lbs ai/acre/application).
- Do not apply more than 3 applications per year at a rate of 3 pints of SYLLIT FL per acre per application (1.3 lbs ai/acre/application).
- Do not apply less than 7 days from the last application.
- Repeat applications must follow crop restrictions.
- Do not apply within 15 days of harvest.

**Leaf Curl** - Use 3 pints of SYLLIT FL per acre just before buds swell in the spring. If leaf curl was moderate to severe the previous season, use 4.5 pints SYLLIT FL per acre 1 month before buds swell in the spring and again just prior to bud swelling.

**Blossom Brown Rot (Western States Only)** - Use 3 pints of SYLLIT FL per acre at the time petals begin to open. Repeat application at full bloom and again at petal fall. Do not apply after petal fall.

**PEANUTS**

**Restrictions:**

- Do not use more than 1.5 pints of SYLLIT FL per acre (0.65 lbs ai/acre/application) in sufficient water for achieving thorough plant coverage.
- Do not apply more than 4.5 pints of SYLLIT FL per acre per year (1.95 lbs ai/acre/year).
- Do not apply more than 5 applications per year when using lower rates.
- Do not apply less than 10 days from the last application.
- Repeat applications must follow crop restrictions.
- Do not apply within 14 days of harvest.
- Do not feed hay or vines (peanuts) to livestock.

**Early Leaf Spot (*Cercospora arachidicola*) and Late Leaf Spot (*Cercosporidium personatum*)  
Ground and Air Applications:**

**SYLLIT FL alone** – Use a maximum of 0.9 to 1.5 pints SYLLIT FL per acre in sufficient water to achieve thorough plant coverage. Begin with applications, first approximately 35 days after planting, and repeat at 10 to 14-day intervals.

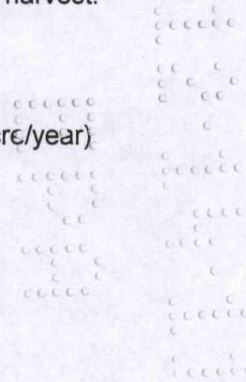
**SYLLIT FL in tank mix** - When tank mixing with Moncut® or Convoy®, use a maximum of 0.9 to 1.5 pints of SYLLIT FL per acre. When tank-mixing with white mold products such as tebuconazole and Artisan®, dose rate can be reduced down to 0.8 pints of SYLLIT FL per acre. Tank-mix incompatibilities were observed with some tebuconazole based formulations. Therefore, we always recommend to test the compatibility of the products used in combination with SYLLIT FL at small scale before spraying or to ask your local distributor about potential incompatibility. The tank-mix fungicide partner must be used at the label rate. Applications are made every 10-14-day intervals, beginning approximately 55 days after planting. Do not apply within 14 days of harvest.

**PEARS**

**Restrictions:**

- Do not apply more than 9 pints of SYLLIT FL per acre per year (4 lbs ai/acre/year)
- Do not apply more than 3 applications per year
- Do not apply less than 7 days from the last application.
- Do not apply within 7 days of harvest.

**Scab –Protection Schedule**





**Ground and Air Application:** Use 1.5 to 3 pints of SYLLIT FL per acre at 7 day intervals to maintain scab control beginning at green tip in tank-mix with a captan based formulation (2 lbs ai/acre) or with a mancozeb based formulation (2.25 lbs ai/acre). Fill the spray tank with clean water half of final desired volume. Start agitation. Slowly add SYLLIT FL at the specified rate. Slowly add captan or mancozeb based formulation at the specified rate. Add water to desired final volume. Mix thoroughly and apply at once. Maintain sufficient agitation during mixing and spraying operations to ensure a uniform spray mixture.

## **PECANS:**

### **Restrictions:**

- Do not apply more than 18 pints of SYLLIT FL per acre per year (7.8 lbs ai/acre/year).
- Do not apply more than 6 applications per year at a rate of 3 pints of SYLLIT FL per acre per application (1.3 lbs ai/acre/application).
- Do not apply less than 10 days from the last application.
- Do not apply after shucks have started to open.

### **Scab, liver spot, brown leaf spot, downy leaf spot, leaf blotch, downy mildew**

#### **(Ground and Air Application):**

**SYLLIT FL alone** - Use 3 pints of SYLLIT FL per acre in sufficient water to obtain good coverage of spray at pre- and post-pollination periods. Apply every 10 to 21 days or as needed as determined by rainfall, from bud break through shell hardening.

**SYLLIT FL in tank mix** - In case of tank mix with Supertin<sup>®</sup> or Enable<sup>®</sup> use 1.5 pints of SYLLIT FL per acre. For air application, use SYLLIT FL in a minimum of 10 gallons of water.

SYLLIT FL has been used effectively on most pecan varieties. Severe foliage injury has been experienced on Barton, Moore, Shawnee and Van Deman in the Southeast. Foliar bronzing has sometimes been observed on other varieties, especially when tank mixed with certain miticides.

## **WALNUTS:**

### **Restrictions:**

- Do not apply more than 18 pints of SYLLIT FL per acre per year (7.8 lbs ai/acre/year).
- Do not apply more than 2 applications per year at a rate of 4.5 pints of SYLLIT FL per acre per application (1.95 lbs ai/acre/application).
- Do not apply more than 3 applications per year at a rate of 3 pints of SYLLIT FL per acre per application (1.3 lbs ai/acre/application).
- Do not apply less than 10 days from the last application.
- Repeat applications must follow crop restrictions.
- Do not apply within 7 days of harvest.

**Anthracnose (*Gnomonia leptostyla*)** - Use 4.5 pints of SYLLIT FL per acre when first leaves unfold. Repeat application at 10 to 14 day intervals.

## **IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** 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. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of AGRIPHAR S.A.. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** AGRIPHAR S.A. MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of AGRIPHAR is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH



APPLICABLE LAW, AGRIPHAR S.A. DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

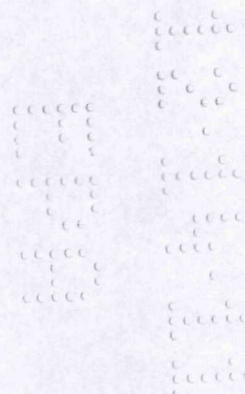
**LIMITATIONS OF LIABILITY:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT AGRIPHAR'S ELECTION, THE REPLACEMENT OF PRODUCT.

**Manufactured by:**

Agriphar S.A.,  
Rue De Renory,26  
B-4102 Ougree, Belgium

SYLLIT<sup>®</sup> is a registered trademark of Agriphar S.A.  
Artisan<sup>®</sup>, Convoy<sup>®</sup> and Moncut<sup>®</sup> are trademarks of Nichino America, Inc.  
Enable<sup>®</sup> is a trademark of Dow Agrosiences LLC.  
Supertin<sup>®</sup> is a trademark of DuPont.

*SYLLIT FL (MASTER - EPA approved 29 June 2010 with comments incorporated); 12-13-2011 label amendment – delete pomace feeding restrictions*



9  
19