


GROUP

U12

FUNGICIDE



FUNGICIDE
FOR CONTROL OF CERTAIN DISEASES OF PEANUTS AND PECANS.

ACTIVE INGREDIENT:	% BY WT.
Dodine (n-dodecylguanidine acetate)	39.6%**
OTHER INGREDIENTS:	60.4%
TOTAL:	100.0%

**Equivalent to 3.4 pounds Dodine 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.)

Complete First Aid affixed to front panel. See inside booklet for complete Precautionary Statements and Directions for Use.

FIRST AID	
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.Call a poison control center or doctor for treatment advice.
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 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 by a poison control center or doctor.Do not give anything by mouth to an unconscious person.
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 mouth-to-mouth, if possible.Call a poison control center or doctor for further treatment advice.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the usage of gastric lavage.

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

FOR 24-HOUR MEDICAL EMERGENCY ASSISTANCE CALL PROPHARMA: 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 Est. No.: 55260-BEL-001

NET CONTENTS: 2.5 GALLONS

Manufactured by:
ARYSTA LIFESCIENCE BENELUX
Rue De Renoy, 26 /
Be-4102 Ougrée, Belgium

Distributed by:
ACETO AGRICULTURAL CHEMICALS
CORPORATION
4 Tri Harbor Court
Port Washington, New York 11050-4664

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.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are barrier laminate or viton.

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 made of any waterproof material (barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils, and/or viton ≥ 14 mils),
- Goggles or face shield,
- Chemical-resistant headgear for overhead exposure,
- Chemical-resistant apron for mixers and loaders

See engineering controls for additional requirements.

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USER SAFETY REQUIREMENTS

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

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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.

USE RESTRICTIONS

Do not use this product for any crop or any pest not specifically listed on this label. For crops and pests listed on the label, follow closely the listed application timings.

Do not apply at any application timing not listed on the label.

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.

RESISTANCE MANAGEMENT

It is known that certain plant pathogens might develop resistance to products used repeatedly for disease control. For good resistance management practices, follow the specific use directions on the label. It is essential to alternate or tank-mix ELAST® 400 FLOWABLE FUNGICIDE with other labeled fungicides that have a different mode of action. This management program will prevent the buildup of resistance and will ensure that ELAST 400 FLOWABLE FUNGICIDE can be maintained as a valuable fungicide.

DILUTE AND CONCENTRATE SPRAYS

ELAST 400 FLOWABLE FUNGICIDE 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.

Use ELAST 400 FLOWABLE FUNGICIDE in a minimum of 15 gallons of water per acre for all ground applications, and in a minimum of 10 gallons of water per acre for all air applications.

INSTRUCTIONS FOR MIXING

Add ELAST 400 FLOWABLE FUNGICIDE directly to the spray tank when half filled with water. Keep agitator running during filling and spraying.

COMPATIBILITY

Experience indicates that ELAST 400 FLOWABLE FUNGICIDE can be used effectively at specified dosages with most of the commonly used fungicides, herbicides, insecticides and acaricides. However, some incompatibilities were identified, especially with some copper, oil, sulfur, foliar nutrients and chlorpyrifos formulations. Therefore, we always recommend testing the compatibility of the products used in combination with ELAST 400 FLOWABLE FUNGICIDE at small scale before spraying or to ask your local distributor or consultant about potential incompatibility.

Observe all precautions, restrictions 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.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank-mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank-mixture.

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 S72), 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.

DIRECTIONS FOR CROP APPLICATION

PEANUTS

APPLICATION DIRECTIONS:

Early Leaf Spot (*Cercospora arachidicola*) and Late Leaf Spot (*Cercosporidium personatum*)

Ground and Air Applications:

ELAST 400 FLOWABLE FUNGICIDE alone - Use a maximum of 0.9 - 1.5 pints ELAST 400 FLOWABLE FUNGICIDE 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.

ELAST 400 FLOWABLE FUNGICIDE in tank-mix – When tank-mixing with white mold products such as tebuconazole, dose rate can be reduced down to 0.8 pints of ELAST 400 FLOWABLE FUNGICIDE 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 ELAST 400 FLOWABLE FUNGICIDE at small scale before spraying or to ask your local distributor about potential incompatibility. The tank-mix fungicide partner must be used at the labeled rate. Applications are made at 10- to 14-day intervals, beginning approximately 55 days after planting. Do not apply within 14 days of harvest.

RESTRICTIONS:

- Do not apply more than 4.5 pints of ELAST 400 FLOWABLE FUNGICIDE per acre per year (1.95 lbs ai/acre/year).
- Do not apply more than 1.5 pints of ELAST 400 FLOWABLE FUNGICIDE per acre per application.
- Do not apply more than 5 applications per year when using lower rates.
- Do not apply less than 10 days from the last application.
- Do not apply within 14 days of harvest.
- Do not feed hay or vines (peanuts) to livestock.

PECANS

APPLICATION DIRECTIONS:

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

Ground and Air application:

ELAST 400 FLOWABLE FUNGICIDE alone - Use 3 pints of ELAST 400 FLOWABLE FUNGICIDE 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.

ELAST 400 FLOWABLE FUNGICIDE in tank-mix – In case of tank-mix with triphenyltin hydroxide or fenbuconazole use 1.5 pints of ELAST 400 FLOWABLE FUNGICIDE per acre.

ELAST 400 FLOWABLE FUNGICIDE 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.

RESTRICTIONS:

- Do not apply more than 18 pints of ELAST 400 FLOWABLE FUNGICIDE per acre per year (7.8 lbs ai/acre/year).
- Do not apply more than 3 pints of ELAST 400 FLOWABLE FUNGICIDE per acre per application.
- Do not apply more than 6 applications per year.
- Do not apply less than 10 days from the last application.
- Do not apply after shucks have started to open.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Do not store in or around the home. 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 1/4 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.

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 ARYSTA LIFESCIENCE BENELUX. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: ARYSTA LIFESCIENCE BENELUX 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 ARYSTA LIFESCIENCE BENELUX IS AUTHORIZED TO MAKE ANY WARRANTIES BEYOND THOSE CONTAINED HEREIN OR TO MODIFY THE WARRANTIES CONTAINED HEREIN. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA LIFESCIENCE BENELUX 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 ARYSTA LIFESCIENCE BENELUX'S ELECTION, THE REPLACEMENT OF PRODUCT.

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