

## CAUTION

1. Harmful if swallowed, inhaled or exposed to skin.
2. Keep out of reach of children.
3. Do not breathe spray mist.
4. Avoid contact with skin, eyes and clothing. If spilled on skin, wash immediately with warm water and soap.
5. Keep away from feed, foodstuffs, pets and livestock.
6. After use, wash hands, arms, and face thoroughly with warm water.
7. Wash all contaminated clothing with hot water and soap before re-use.
8. This product toxic to fish.
9. Do not contaminate any body of water nor apply to any area not specified on the label.
10. In case of eye contact, flush with plenty of water and get medical attention.
11. Do not apply when weather conditions favor drift of spray from crop areas treated.
12. Rinse spray equipment and containers and dispose of liquid wastes in a pit in non-crop lands located away from water supplies.

## GENERAL DIRECTIONS

Foilex is a cotton defoliant used to remove leaves prior to hand picking or machine harvesting. Formulated as a liquid emulsifiable concentrate, Foilex can be added directly to the spray tank as it is being filled with water or white diesel oil. Foilex is non-corrosive and will not damage metal parts normally used in applying spray chemicals. Agitate the spray mix before and during application.

Foilex usually drops leaves in a green condition and will not appear effective until defoliation actually begins, approximately 7 days after application. By this time the field will have an "off cast" of cotton. Under favorable conditions, satisfactory leaf drop will be completed in 7 days. Adverse conditions, such as low temperatures and/or tough conditions, may extend this to 10 to 14 days.

**WARRANTY AND LIMITATIONS OF DAMAGES.** Helena Chemical Co. warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use and Conditions of sale, subject to the inherent risks referred to therein. Helena Chemical Company makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of Helena Chemical Company is authorized to do so except in writing, with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages and shall not include consequential damages.

# HELENA

ACCEPTED

MAY-31-1977

REGISTERED  
EPA REGISTRATION NO. 5905-64  
UNDER NO. 5905-64

# BRAND Foilex®\*

## Cotton Defoliant Emulsifiable Concentrate

### CAUTION

**KEEP OUT OF REACH OF CHILDREN.  
SEE OTHER CAUTION STATEMENTS ON SIDE PANEL.**

1 gallon of  
Foilex  
Cotton Defoliant  
contains 6 pounds  
of merphos\*\*

ACTIVE INGREDIENTS (by weight)	
Tributyl phosphorotrithioite**	71.2%
Related compounds	3.8%
INERT INGREDIENTS (by weight)	
TOTAL	100.0%

E.P.A. REG. NO. 5905-64

## DIRECTIONS

**BOTTOM DEFOLIATION** to prepare for boll rot. For maximum effect, apply at the rate of one gallon of water per acre as a thorough spray, together with a fungicide. Another use is to apply to fruit to cover all main bolls. Adjust pressure to obtain correct volume per acre.

**PRE-CONDITIONING** to aerate green plants prior to total defoliation by airplane or broadcast, spray 2 to 3 weeks prior to total defoliation. This is accomplished by making a separate condition spray down in the plant canopy so they will respond to

**TOTAL DEFOLIATION:** Under favorable fiber quality to the green top leaves, which feed the plant. Foilex will not damage the plant.

Following pre-conditioning, a temperature of 75 to 85 degrees Fahrenheit instead of water (spray application of Foilex in water) is recommended by the label. Do not use the label directions when these conditions are not met.

When the conditions are not met, the label directions should be used.

Defoliation Conditions	Minimum Night Temps.
Good	Above 65°F.
Average	55-65°F.
Poor	Below 55°F.

**HOW TO APPLY:** Ground per row including one overh adjusted to five fine droplet per acre. Aerial applicators sl tops and avoid application mid-day and when winds m

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1 gallon of  
 Folex  
 Cotton Defoliant  
 contains 6 pounds  
 of merphos\*\*

ACTIVE INGREDIENTS (by weight)	
Tributyl phosphorotriothioite**	71.2%
Related compounds	3.8%
INERT INGREDIENTS (by weight)	25.0%
<b>TOTAL</b>	<b>100.0%</b>

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### DIRECTIONS FOR USE

**BOTTOM DEFOLIATION** to prevent or reduce losses of the bottom crop to boll rot. For maximum effectiveness, apply Folex by high clearance spraying at the rate of one gallon per six acres (1-1 3/4 pints in 10 to 15 gallons of water per acre) as soon as bottom bolls are mature or just before plants grow together and form a canopy of foliage to shade the ground. In either case, four fan or two flooding nozzles per row and direct spray to cover all leaves up to the level of the highest mature bolls. Adjust pressure and speed to give fine droplets but maintain correct volume per acre.

**PRE-CONDITIONING** to accelerate growth and induce maturity of green plants prior to total defoliation: Apply Folex at the rate of 1/2 pint per acre by airplane or by overhead boom on ground equipment approximately 2 to 3 weeks before the desired time for total defoliation either by adding this amount to the last insecticide application or by making a separate conditioning application. This will defoliate mature leaves down in the plant and also condition the top green leaves so that they will respond to one total application.

**TOTAL DEFOLIATION:** Under normal conditions, it is safe to apply Folex when fiber quality to the top bolls will not be damaged by loss of the top leaves which feed these bolls (top bolls firm to thumb pressure). Folex will not damage the bolls directly or cause them to open prematurely.

Following pre-conditioning, apply 1 1/2 pints per acre in water. If night temperatures at this time consistently fall below 55° F., use white diesel oil instead of water (see table for gallonages). Rain following application of Folex in water will not reduce the effectiveness, if it has been absorbed by the leaf. Conditions which delay absorption are drought stress which cause the cotton leaves to be wilted, toughened, or scalded. When these conditions prevail, use diesel oil instead of water.

When total defoliation when plants have not been pre-conditioned but are to be later satisfactorily with one total application, the following table is to be used as a guide:

Defoliation Conditions	Minimum Night Temp.	Pints/Acre Folex	Apply In	Gallon Total Spray/Acre	
				Air	Ground
Good	Above 65°F.	1 1/2	Water	5-12	15-25
Average	55-65°F.	1 1/2-2	Water	5-12	15-25
Adverse	Below 55°F.	2	Diesel Oil	5-9	10-15

**HOW TO APPLY:** Ground machines should have at least 5 nozzles per row including one overhead nozzle and have pressure and speed adjusted to five fine droplets yet maintain the correct spray volume per acre. Aerial applicators should fly as close as possible to the plant tops and avoid application during the excessive temperatures of midday and when wind overcomes drift resistance fields.

posed to skin.  
 Nothing. If spilled on skin, wash with water and soap.  
 plants and livestock.  
 Wash thoroughly with warm water.  
 hot water and soap before use.  
 Do not apply to any area where there is a possibility of drift of spray.  
 Do not dispose of liquid in water.  
 DIRECTIONS

WARRANTY. Helena Chemical Co. does not warrant the chemical description on the label or the inherent risks referred to in the Directions for Use. No other express or implied warranty of FITNESS FOR ANY PARTICULAR PURPOSE is made by Helena Chemical Company. For a specific reference to this warranty, see the label.