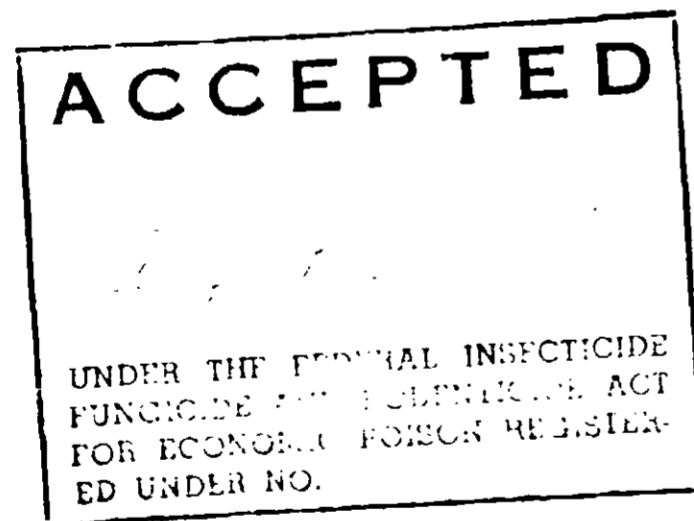


Mobil[®]

Folex[®]

cotton defoliant*



Contents: 5 Gallons

Emulsifiable Concentrate
Contains 6 lbs. Merphos per gallon

Active Ingredient:	
Tributyl Phosphorotrithioite	72.0%
Related Compounds	1.8%
Inert Ingredients	26.2%

EPA Reg. No. 2224-17 *U.S. Patent No. 2,955,803 CAUTION: KEEP OUT OF REACH OF CHILDREN. See back panel for additional cautions

Mobil Chemical

INDUSTRIAL CHEMICALS DIVISION/RICHMOND, VIRGINIA

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

Folex usually drops leaves in a green condition and will not appear effective until defoliation actually begins: approximately 3 days after application. By this time the field will have an "off-cast" color. Under favorable conditions, satisfactory leaf drop will require 5-7 days. Adverse conditions, such as low temperatures and/or toughened plants, may extend this to 10-14 days.

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 spray rig at the rate of one gallon per six acres (1½ pints in 10-15 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, use 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 aerate rank growth and induce maturity of green plants prior to total defoliation: Apply Folex at the rate of one-half pint per acre by airplane or by ground equipment approximately 7-10 days before making the application for total defoliation (either by adding this amount to the last insecticide application or by making a separate Pre-Conditioning application). Use Folex as a Pre-Conditioner only after fiber quality of the youngest bolls which will be harvested will not be damaged. Do not mix Folex with insecticide formulations which contain quantities of organic solvents. Pre-Conditioning of early-maturing cotton varieties is generally not recommended.

Total Defoliation: Under normal conditions, it is safe to apply Folex when fiber quality of 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 1½ pints per acre in water. If night temperatures by this time consistently fall below 55° F, use white diesel oil instead of water (see table for gallonages).

The following table is a guide to be used when plants have not been Pre-Conditioned but can be defoliated satisfactorily with one total application.

Defoliation Conditions	Minimum Night Temps.	Pints/Acre Folex	Apply In	Gallon Total Spray/Acre Air	Spray/Acre Ground
Ideal	Above 65°F	1½	Water	5-12	15-25
Average	55 -65°F	1½-2	Water	5-12	15-25
Adverse	Below 55° F	2	Diesel Oil	5-8	10-15

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 primarily those which cause the cotton leaves to be wilted, toughened, or leathery. When these conditions prevail, use diesel oil instead of water.

How To Apply: Ground machines should have at least 5 nozzles per row including one overhead nozzle and have pressure and speed adjusted to give 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 mid-day and when winds may cause drift to adjacent fields.

Touch-Up Applications: Pre-Conditioning will usually eliminate the necessity for two total applications. However, when leaves are extremely tough or plants badly lodged, it may be desirable to follow the initial total application in approximately 5-7 days with a touch-up treatment. If so, use 1½ pints Folex per acre in white diesel oil. (See table for gallonage.)

Note: This product is toxic to fish. Keep out of lakes, ponds and streams. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply in any manner not specified on the label.

Caution: Harmful if swallowed, inhaled, or exposed to skin. Do not breathe spray mist. Avoid contact with skin, eyes, and clothing. If spilled on skin, wash immediately with warm water and soap. Keep away from feeds, foodstuffs, pets, livestock, and children. After use, wash hands, arms, and face thoroughly with warm water. Wash all contaminated clothing with hot water and soap before re-use.

Container Disposal: Do not reuse container. Destroy when empty.

BUYER ASSUMES ALL RISKS OF USE. STORAGE OR HANDLING OF THIS MATERIAL NOT IN STRICT ACCORDANCE WITH DIRECTIONS GIVEN HEREWITH.

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