

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 to 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 (1 1/3 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 reduce 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 are the last to be picked). FOLEX will not damage top bolls which are ready to open prematurely.

Not Gallons

FOLEX®

FOLEX is trademark of Sundry Mobil Oil Co. Inc. for defoliant
U.S. patent No. 2,955,803

EMULSIFIABLE CONCENTRATE

Contains 6 lbs. MERPHOS per gallon

Active Ingredient:

| | |
|------------------------------|---------------|
| Tributyl Phosphorotrithioite | 71.2% |
| Related Compounds | 3.8% |
| Inert Ingredients | 25.0% |
| TOTAL | 100.0% |

WITHOUT PRE-CONDITIONING

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 | Ground |
|------------------------|----------------------|------------------|------------|-------------------------|-------|--------|
| Ideal | 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 | 5-8 | 10-15 | |

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Specific Caution Statements on Side Panel

ACCEPTED

SEP 15 1970

UNDER THE FEDERAL INSECTICIDE AND ROENTICIDES ACT FOR ECONOMIC POISON REGISTRATION UNDER NO. 57111 SUBJECT TO ATTACHED COMMENTS.

Registration No. 4581-212

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Following Pre-conditioning, apply 1 1/2 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). 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 1 1/2 pints FOLEX per acre in white diesel oil. (see table for gallonage).

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 feed, 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.

NOTE: This product is toxic to fish and wildlife. Keep out of lakes, ponds, and streams. Do not apply in any manner not specified on the label.

Burn or bury containers; never reuse. Stay out of cracks and fumes.

NOTICE

Pennwalt Corporation 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, subject to the risks referred to therein. Pennwalt Corporation makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of Pennwalt Corporation 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 exclude consequential commercial damages such as loss of profits or others.