

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

Joy Paff Amvac Chemical Corporation 4695 MacArthur Court, Suite 1250 Newport Beach, CA 92660 MAR 28 2012

Subject:

Notification per PR Notice 2007-4: Update Container Disposal Instructions

Folex 6 EC

EPA Reg. No. 5481-504

Application Dated: March 20, 2012

Dear Ms. Paff:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 for the subject product.

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label changes requested fall within the scope of PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on <u>nonrefillable</u> containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions regarding this letter, contact Maggie Rudick at (703) 347-0257 or rudick.maggie@epa.gov.

Sincerely,

Kable Bo Davis, Product Manager 25

Herbicide Branch

Registration Division (7505P)

Joy Paff

-	Registratio
	Amendmen

OPP Identifier Number

SEPA	Environmental Protection Agency Washington, DC 20460				☐ Amendment ☑ Other		
	A	pplication	for Pesticide -	Section	n I		
1. Company/Product Number 5481-504			2. EPA Product Manager			3. Proposed Classification	
4. Company/Product (Name)	Folex 6 EC		PM#	PM# X None			Restricted
5. Name and Address of App Amvac Chemical 4695 MacArthur Newport Beach,	Corporation Court, Suite 125	0	EPA Re	similar or id		mposition an	Section 3(c)(3)(b)(i), my d labeling to:
		Andrew M.	Section - II				
Amendment - Explain b Resubmission in respo	nse to Agency letter	dated	☐ "Me Too"	ted labels i Applicatio Explain belo	n		er dated
Explanation: Use additional page(s Notification of label change requirements of EPA's regulated the labeling or the Confider make any false statement to 156.10, 156.140, 156.144, and penalties under section	per PR Notice 200 ulations at 40 CFR § ntial Statement of Fo o EPA. I further und 156.146, and 156.1	7-4. This notifices 156.10, 156 ormula for this derstand that if 56, this produces	cation is consistent w .140, 156.144, 156.14 product. I understand the amended label is ct may be in violation	ith the guid 46, and 15 d that it is a s not consis	dance in PR 6.156. No ot a violation of stent with the	Notice 2007- her changes 18 U.S.C. Se requirement	have been made to ec. 1001 to willfully ts of 40 CFR §§
			Section - III				
1. Material This Product Wil Child-Resistant Packaging	Unit Packaging Yes No If "Yes" Unit Packaging wt.	No. per container	Water Soluble Packa  Yes  No If "Yes"  No. Package wt. con		X P	Container letal lastic Blass daper other (Specify)	
3. Location of Net Contents		4. Size(s) Reta 2.5 Gallons		X o	n Label	el Directions	
6. Manner in Which Label is	Container  Affixed to Product	☐ Lithogra		□s	n Labeling actenciled	ccompanying	product
			Section - IV				
Contact Point (Complete i Name  Jon  Jon  Jon  Jon  Jon  Jon  Jon  Jo	tems directly below	for identification	n of individual to be co			Telephone No	application.) b. (Include Area Code) c) 221-6123
	ements I have made	complete	on ad all attachments ther	eto are true	e, accurate an	8. D	Pate Application Received (Stamped)
2. Signature	y Part			tory Spec	cialist	00000	C C C C C C C C C C C C C C C C C C C
4 Typed Name		5	Date			CCCCC	C

March 20, 2012



March 20, 2012

Ms. Sherada Hobgood
Document Processing Desk
Office of Pesticide Programs (Notif)
U.S. Environmental Protection Agency
One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

Subject:

Notification of Minor Label Revisions and Storage and Disposal Language

Per PR Notice 2007-4

Folex 6EC (EPA Reg. No. 5481-504)

#### Dear Sherada:

Please find enclosed the notification to revise labeling for the above listed product. We have updated the Storage and Disposal Statement to comply with the language outlined in the Agency's PR Notices.

In support of this request, enclosed please find the following:

- 1. Application for Pesticide Registration (EPA Form 8570-1).
- 2. The copies of the label (Ref. No. 504-20100519r3).
- 3. One highlighted copy of the label.

It is my understanding that this satisfies the requirements of the Agency's PR Notice and will require no further action. If you have any questions or require additional information, please do not hesitate to contact me at 949-221-6123 or email joyp@amvac-chemical.com. Thank you for your attention to this matter.

Best regards,

Joy Part

Joy Paff

Regulatory Specialist

# FOLEX® 6 EC

#### **COTTON DEFOLIANT**

#### VERY LOW ODOR-FOR FAST AND EFFECTIVE COTTON DEFOLIATION

#### **ACTIVE INGREDIENT:**

 S, S, S-Tributyl phosphorotrithioate\*
 70.5%

 INERT INGREDIENTS:
 29.5%

 TOTAL:
 100.0%

\*Contains 6 pounds per U.S. gallon. Contains Petroleum Distillates. MAR 28 2010

# 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
	Organophosphate
If in eyes:	<ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If on skin or clothing:	<ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed:	<ul> <li>Immediately call a poison control center or doctor for treatment advice.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give any liquid to person.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
If inhaled:	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
	EMERGENCY INFORMATION
	er or label with you when calling a poison control center or doctor, or going for treatment.  EMERGENCIES, PHONE 24 HOURS A DAY:
Transportation: CHEMTE	REC1-800-424-9300
Other: AMVAC	1-323-264-3910
	NOTE TO PHYSICIAN

This product is corrosive to eyes or skin. This product inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system and the somatic motor nerves. Poisoning with this product also results in cardiovascular and respiratory symptoms which must be treated as separate pathological entities apart from the cholinergic effects. Administer atropine sulfate to reverse cholinergic symptoms; and maintain a systematic, symptomatic treatment of the cardio-vascular and respiratory effects, even though the cholinergic symptoms have ceased. Do not give central nervous system depressants. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. The use of oxygen is recommended in case of respiratory distress. Contains petroleum distillate – vomiting may cause aspiration pneumonia. Probable mucosal damage may contraindicate the use of gastric lavage.

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE.

EPA Reg. No. 5481-504 EPA Est. No. 264-MO-1



Net Contents: CCC As Marked on Container

#### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. Causes skin burns and irreversible eye damage. May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Do not get in eyes, skin or on clothing. Avoid breathing vapor or spray mist.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical-resistant category chart.

Applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves, made of waterproof materials, such as barrier laminate, viton, butyl rubber >14 mils, or nitrile rubber >14 mils
- Chemical-resistant footwear plus socks
- Protective eyewear such as chemical goggles or face shield
- Chemical-resistant headgear for overhead exposure
- · Chemical-resistant apron when cleaning equipment, mixing or loading
- For exposure in enclosed areas, a NIOSH approved half-mask or a full facepiece respirator equipped with a
  combination of organic vapor/HE or P-100 particulate filter cartridge with NIOSH approval number prefix TC23C, or a NIOSH approved gas mask equipped with a combination of organic vapor/HE or P-100 particulate filter
  canister with NIOSH approval number prefix TC-14G.
- For exposure outdoors, a NIOSH approved respirator equipped with R, P, HE-series particulate filters with NIOSH approval number prefix TC-84A.

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

#### **ENGINEERING CONTROL STATEMENTS**

- When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.
- Mixers and loaders supporting aerial applications must use a mechanical transfer system that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4)] for providing dermal protection. The system must be capable of removing the pesticide from the shipping container and transferring it into mixing tanks and/or application equipment. At any disconnect point, the system must be equipped with a dry disconnect or dry couple shut-off device what is warranted by the manufacturer to minimize drippage to not more than 2 ml. per disconnect point. In addition to wearing the specified PPE, all handlers of this product must wear chemical-resistant gloves and a chemical-resistant apron.
- Persons using a closed system that operates under pressure shall wear protective eyewear.
- Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

#### USER SAFETY RECOMMENDATIONS

#### Users should:

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

#### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and 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. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply when weather conditions favor drift from the treated area. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

#### PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

#### RESTRICTIONS

Do not apply FOLEX 6 EC through any type of irrigation system.

Do not graze treated fields.

Do not use on other crops used for food or forage. Avoid spray drift to susceptible plants other than cotton as this product may injure or defoliate other crops. (Coarse sprays are less likely to drift.)

Cotton treated with this product must be mechanically harvested. Hand harvesting is prohibited.

#### **DIRECTIONS FOR USE**

Read entire label before using this product.

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 regulation.

## 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, 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) and restricted entry interval. 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 7 days.

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 over long-sleeved shirt and long pants
- Chemical-resistant gloves, made of waterproof materials, such as barrier laminate, viton, butyl rubber >14 mils, or nitrile rubber >14 mils or neoprene rubber >14 mils
- Chemical resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

#### **GENERAL INFORMATION**

FOLEX 6 EC is a cotton defoliant that is used to remove leaves from cotton plants prior to anticipated harvesting. Formulated as an emulsifiable concentrate, FOLEX 6 EC contains 6 pounds active ingredient per gallon. FOLEX 6 EC is most commonly mixed with water and applied to cotton using either ground or aerial equipment. However, diesel oil may be substituted for water under adverse weather conditions. Folex is non-corrosive and will not damage metal parts normally used in applying spray chemicals.

FOLEX 6 EC 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 to 7 days. Adverse conditions, such as low temperatures and/or toughened plants (drought stressed, etc.) may extend this to 10 to 14 days.

FOLEX 6 EC is effective when applied to cotton with a heavy dew. Once FOLEX 6 EC has dried on the lear, subsequent rainfall or dew does not adversely affect its activity. Application of FOLEX 6 EC is not recommended when a heavy rainfall is expected within 1 hour after treatment. Conditions which delay absorption into the leaves are primarily those which cause the cotton leaves to be wilted, toughened, or leathery. When these conditions prevail, use diesel oil instead of water.

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FOLEX 6 EC does not suppress second growth especially where rainfall follows defoliation. A second application of FOLEX 6 EC will be effective in defoliation of this second growth if excessive regrowth occurs between the first application and first and/or second harvest. FOLEX 6 EC must be applied in sufficient water or diesel oil to give thorough coverage of the leaves. Larger droplets more effectively reach the lower leaves.

Use the higher FOLEX 6 EC rate under conditions of low temperature, low humidity, or plant stress.

FOLEX 6 EC may be used alone for bottom defoliation of the leaves on lower portion of the plant as a preconditioner prior to total defoliation, or as a total defoliation treatment. FOLEX 6 EC may also be used in combination with Dropp<sup>®</sup> (tank mix).

**IMPORTANT:** Observe all cautions and limitations on labels of all products used in mixtures specifically when FOLEX 6 EC is tank mixed with products for use on cotton in areas where citrus is grown. Observe buffer zones and other restrictions on the FOLEX 6 EC label and/or in the manufacturer's recommendations for Folex.

#### MIXING INSTRUCTIONS

**FOLEX ALONE:** Fill the spray tank 1/2 to 3/4 full with clean water. Begin agitation and add the recommended amount of FOLEX 6 EC. Add water to the spray tank to the desired level. Maintain sufficient agitation to ensure a uniform spray mixture during application. Follow same mixing instructions when diesel oil is substituted for water.

TANK MIXTURES: Fill the spray tank 1/2 to 3/4 full with clean water and begin agitation. When tank mixing with Dropp, add the recommended amount of Dropp first. After Dropp is thoroughly mixed with water, add the recommended amount of FOLEX 6 EC. Add water to the spray tank to the desired level. Maintain sufficient agitation while mixing and during application to ensure a uniform spray mixture. If spray mixture is allowed to remain without agitation for short periods of time, be sure to agitate until uniformly mixed before application. Do not use diesel oil when Folex is used in a tank mixture with other products. For boll opening and defoliation, see below.

**COMPATIBILITY:** To determine the compatibility of FOLEX 6 EC with other products, do the following: (1) pour the recommended proportions of the products into a suitable container of water, (2) mix thoroughly and (3) allow to stand at least five minutes. If the combination remains mixed or can be re-mixed readily, it is considered physically compatible. For further information contact your local AMVAC Representative.

**ADDITION OF ADJUVANTS:** To improve spray coverage, FOLEX 6 EC may be applied with the following adjuvants: (1) commercial blends of vegetable or petroleum-based oils, (2) non-ionic surfactant and (3) diesel oil (if allowed by local regulations). Diesel oil (3 to 5 gallons by air or 5 to 10 gallons by ground) may be helpful when night temperatures drop below 60°F, plants are under moisture stress or on storm-proof cotton varieties.

Only adjuvants which are exempt from tolerance requirements under 40 CFR 180.1001 may be used. Test the compatibility of FOLEX 6 EC plus Dropp 50WP with the selected adjuvant prior to mixing in the spray tank (see compatibility section).

**DOSAGE:** Use the specified dosage of FOLEX 6 EC in water or once refined vegetable oil (see Recommended Applications Table) or diesel (see ADDITIONS OF ADJUVANTS). Apply sufficient spray to ensure uniform leaf wetting. All leaves must be treated for complete defoliation. FOLEX 6 EC does not suppress secondary growth.

#### SPRAY EQUIPMENT CLEANING AND DECONTAMINATION

Do not allow pesticide mixtures to dry in spray equipment. Dried pesticides residues may become resuspended and damage other crops if uncleaned spray equipment is used to apply other products during the same or following year.

Thoroughly clean the spray equipment with a chemical cleaner before using for other products. Use a cleaner such as "Spic and Span", "Fantastic", or "Formula 409". If chlorate type chemicals have been used in the same spiay equipment, thoroughly wash spray tank and particularly dried deposits on aircraft fabric.

Immediately after applying FOLEX 6 EC, remove all unused spray mixture and follow directions on this label for disposal. Thoroughly clean the spray tank, lines, nozzles, and exterior surfaces of spray equipment. Use one of the cleaners listed above. Follow directions on this label for disposal of wash and rinse water.

### APPLICATION PROCEDURES

Do not apply FOLEX 6 EC through any type of irrigation system.

FOLEX 6 EC alone and in a tank mixture with Dropp can be applied by both ground and aerial equipment.

#### **GROUND APPLICATION**

Use a standard high clearance sprayer that provides a uniform accurate application. Sprayer should be equipped with screens no finer than 50 mesh in the nozzle tips and in-line strainers. A minimum spray volume of 10 gallons per acre is recommended when FOLEX 6 EC is applied with water and a minimum of 5 gallons per acre is recommended when FOLEX 6 EC is applied with diesel oil.

Do not allow sprays to drift from the application site and contact people, structures people occupy at any time and nontarget crops, aquatic and wetland areas, woodlands, pastures, rangelands, or animals.

For ground rig applications, apply product no more than 4 feet above the ground or the crop canopy and only when wind speed in 10 mph or less at the application site as measured by an anemometer.

#### **AERIAL APPLICATION**

Use aerial equipment equipped with a diaphragm-type nozzle that produces cone spray patters with a maximum spray pressure of 40 psi at the nozzle tips. Nozzles should be located no farther than 3/4 the distance from the center of the aircraft to the end of the wing or rotor. The aircraft should discharge the spray a maximum of 10 feet above the crop. Do not apply when winds may cause drift to adjacent fields.

A minimum spray volume of 5 gallons per acre should be used when FOLEX 6 EC and tank mixtures with FOLEX 6 EC are applied with water. FOLEX 6 EC alone may be applied in a minimum of 3 gallons of spray volume per acre when using diesel oil (minimum of 5 GPA in California).

Aerial applicators must be in enclosed cockpits.

**Aerial Drift Reduction Advisory:** Avoiding spray drift at the application site is the responsibility of the applicator. The interactions of many equipment- and weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

The following drift management requirements must be followed to avoid off-target drift movement from aerial applications to agricultural field crops. These requirements do not apply to forestry applications, public health uses or to applications using dry formulations.

- 1. The distance of the outer most nozzles on the boom must not exceed 3/4 the length of the wingspan or rotor.
- Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees.

Where states have more stringent regulations, they should be observed. The applicator should be familiar with and take into account the information covered in the Aerial Drift Reduction Advisory information.

#### Information on Droplet Size

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (see Wind, Temperature and Humidity, and Temperature Inversions).

#### **Controlling Droplet Size**

Volume: Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.

**Pressure:** Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.

Number of Nozzles: Use the minimum number of nozzles that provide uniform coverage.

Nozzle Orientation: Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.

Nozzle Type: Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.

#### **Boom Length**

For some use patterns, reducing the effective boom length to less than 3/4 of the wingspan or rotor length may further reduce drift without reducing swath width.

#### **Application Height**

Applications should not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

#### **Swath Adjustment**

When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase, with increasing drift potential (higher wind, smaller drops, etc.)

#### Wind

Drift potential is lowest between wind speeds of 2-10 mph. However, many factors including droplet size and equipment type determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. NOTE: Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

#### **Temperature and Humidity**

When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

#### **Temperature Inversions**

Applications should not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small, suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitudes and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

#### Sensitive Areas

The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g., residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g. when wind is blowing away from the sensitive areas).

#### FOLEX 6 EC RECOMMENDATIONS

FOLEX 6 EC	Minimum Spray Volumes (Gallons per acre)				Directions
Rate	(Gallons	per acre)			
Pints/Acre/Year	Ground	Air			
1 to 1-1/2	10		Bottom Defoliation: Apply when bottom bolls are mature or when youngest bolls cannot be dented by pressure between the thumb and the forefinger or cut through with a sharp knife. Direct spray to thoroughly cover the leaves on the desired portion of plants to be defoliated. For Bottom Defoliation of Seed Cotton, see below.		
CA and AZ 1-1/3 to 2	15	5	Complete Defoliation: Apply when fiber quality of top bolls will not be damaged by loss of top leaves, or when top bolls are firm to		
All other states 1-1/3 to 1-1/2	15	5	thumb pressure. Application can be made up until first frost.		
CA and AZ 2-1/2	15	5	Defoliation of Rank Cotton: Apply when 50% or more of the bolls are open. Treatment can consist of two applications (example: tank)		
All other States 1-1/2	15	5	mix) but the total cannot exceed 2-1/2 pints/A. Applications can be made until first frost.		
CA and AZ 2 to 2-1/2	15	5	Long Staple (Pima) Cotton Defoliation: Apply specified dosage as a tank mix with 0.2 to 0.4 lb. Dropp 50WP per acre. For best		
All other States 1-1/2	15	5	results, apply the combination to mature cotton plants with 60% or more open bolls.		

BOTTOM DEFOLIATION OF SEED COTTON: Losses from rot and weathering can be reduced by using FOLEX 6 EC to increase air movement and sunlight to bottom bolls. Use shielded drop nozzles to direct spray to the lower leaves. Remove the picker's top 8 to 12 rows of spindles to harvest the lower bolls. The picker will not injure the untreated top leaves and immature bolls. FOLEX 6 EC may be applied for complete defoliation when top bolls are mature.

#### TANK MIXTURES AND SEQUENTIAL APPLICATIONS

#### **DEFOLIATION AND BOLL OPENING**

FOLEX 6 EC can be tank mixed with other harvest-aid products or used sequentially to improve crop preparation for more efficient harvest. Use caution in selecting partner products, rates and application timing appropriate for your conditions. Consult your AMVAC sales representative, crop consultant or university extension for local recommendations. In some instances rates as low as 0.33 pints/acre FOLEX 6 EC when combined with a second harvest-aid product may be advisable for desired defoliation and or boll opening while avoiding unwanted leaf stick.

The combination of FOLEX 6 EC and PREP™ brand Ethephan Plant Regulator is used for total plant defoliation and to accelerate cotton boll opening. FOLEX 6 EC and PREP may be applied as a tank mixture or used in 2 separate sequential applications. Tank mixture of FOLEX 6 EC + PREP is recommended for use in all cotton growing states as is applications of FOLEX 6 EC sequential to PREP™ (minimum of 4 days between applications). FOLEX 6 EC + PREP tank mixtures or sequential applications should be applied to cotton when there is sufficient mature unopened bolls to produce the desired yield and when 30% to 60% of the cotton bolls are open. If used in rank cotton, a pretreatment with FOLEX 6 EC (see FOLEX 6 EC Recommendations for use rate) may be useful to ensure thorough coverage of unopened bolls by later sequential application of PREP. Refer to and observe all label use directions and precautions on the PREP label. Occasionally slight reduction on boll opening response has been observed when tank mixtures of FOLEX 6 EC + PREP have been used.

#### **DEFOLIATION AND INHIBITION OF REGROWTH**

Tank mixtures such as FOLEX 6 EC + Dropp are recommended for defoliation when heavy regrowth control is required. Defoliation and inhibition of regrowth is obtained when the tank mixture is applied to mature cotton plants when 60% or more bolls are open. A second application of labeled rates of FOLEX 6 EC + Dropp, or FOLEX 6 EC alone maybe made where necessary.

Product	Rate	Directions			
FOLEX 6 EC	1 to 1-1/2 Pints/Acre	Mixing Order:			
		(1) water			
+	+	(2) Dropp 50WP [follow Dropp label directions]			
		(3) Adjuvant, if used and			
Dropp 50WP	0.066 to 0.1 lb./Acre	(4) After Dropp 50WP has dispersed add FOLEX 6 EC			
		Apply by ground or air.			

#### **Use Limitations**

- Tank mix activity is maximum when 60% or more bolls are open and the mean 24-hour temperature before and after application is above 60°F.
- Use the lower rate of each product when conditions are favorable, for example, high temperatures and high humidity.
- Use the high rate of Dropp when environmental conditions favor heavy regrowth. When minimum night temperature is below 60°F use FOLEX 6 EC alone.
- Adverse conditions may require a longer time for complete defoliation or a second application.
- Do not exceed 2-1/2 pints/Acre/Year of FOLEX 6 EC for California and Arizona, and 1-1/2 pints/Acre/Year for all other states.
- Do not apply FOLEX 6 EC plus Dropp 50WP to immature cotton (less than 60% bolls open) or higher than recommended product dosages, as desiccation and leaf freezing may occur.
- Refer to Dropp label for additional use directions and precautions when using tank mixtures of FOLEX 6 EC with Dropp.
- Do not apply FOLEX 6 EC within 7 days of harvest.

#### **DEFOLIATION AND WEED CONTROL**

FOLEX 6 EC + HARVADE®: For additional desiccation of certain weed species, FOLEX 6 EC may be sank mixed at labeled rates with Harvade according to the directions for use on the Harvade label.

FOLEX 6 EC + ROUNDUP®: In States permitted by the Roundup label, the full labeled rate of FOLEX 6 EC (1 to 1-2 pints/A) can be tank mixed with Roundup to obtain defoliation, regrowth inhibition and to provide additional weed control to better facilitate harvesting. Refer to the Roundup label for use directions, regrowth inhibition statement, and weeds controlled.

Always follow the mixing directions found on this label, tank mix product labels and spray adjuvant product labels. Contact your local AMVAC representative for additional information or call 1-888-GO-AMVAC.



#### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Do not store near fertilizers, seeds, insecticides, fungicides, feed or foodstuffs. Store in a cool, dry place away from open flame and extreme heat. Store in original container and out of reach of children, preferably in a locked storage area.

**PESTICIDE DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are toxic. 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 DISPOSAL: Nonrefillable container. Do not reuse or refill. Triple rinse (or equivalent) 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. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local procedures. If container is leaking, invert to prevent leakage. Carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements for hazards associated with the handling of this product. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides above. In spill or leak incidents, keep unauthorized persons away.

#### LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions.

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