

#### U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs Registration Division (7505P) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460

83520-35

EPA Reg. Number:

Date of Issuance:

April 9, 2015

NOTICE OF PESTICIDE:

X Registration
Reregistration
(under FIFRA, as amended)

Term of Issuance:
Unconditional

Name of Pesticide Product:

Ethephon 6

Name and Address of Registrant (include ZIP Code):

Michael Kellogg, Agent for Tacoma Ag, LLC c/o Pyxis Regulatory Consulting, Inc 4110 136th St., NW Gig Harbor, WA 98332

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/registration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Date:

**April 9, 2015** 

Tony Kish, Product Manager 22

Fungicide Branch, Registration Division (7505P)

EPA Form 8570-6

- 2. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 83520-35."
- 3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

• Basic CSF dated 12/02/2014

If you have any questions, please contact Tony Kish by phone at 703 308-9443, or via email at kish.tony@epa.gov; or Craig Reeves by phone at 703 347-0486, or via email at reeves.craig@epa.gov.

Sincerely,

Tony Kish, Product Manager 22

Fungicide Branch

Registration Division (7505P)

Office of Pesticide Programs

Enclosed: Stamped Copy of Label

# ETHEPHON 6

# **Growth Regulator**

# PLANT GROWTH REGULATOR FOR AGRICULTURAL USE ON COTTON AND TOBACCO

ACTIVE INGREDIENT:	% BY WT
Ethephon: (2-chloroethyl) phosphonic acid*	55.4%
OTHER INGREDIENTS:	44.6%
TOTAL:	100.0%

<sup>\*</sup>Contains 6 pounds ethephon per gallon.

# KEEP OUT OF REACH OF CHILDREN **DANGER - PELIGRO**

Si usted no entiende la etiqueta, busque a alquien 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					
IF IN EYES:	<ul> <li>Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> </ul>				
	Remove contact lenses, if present, after the first 5 minutes, then continue				
	rinsing eye.				
	Call a poison control center or doctor for treatment advice.				
IF ON SKIN OR	Take off contaminated clothing.				
CLOTHING:	Rinse skin immediately with plenty of water for 15 to 20 minutes.				
	Call a poison control center or doctor for treatment advice.				
IF	<ul> <li>Immediately call a poison control center or doctor for treatment advice.</li> </ul>				
SWALLOWED:	Do not induce vomiting unless told to do so by a poison control center or				
	doctor.				
<ul> <li>Have a person sip a glass of water if able to swallow.</li> </ul>					
	Do not give anything to an unconscious person.				
IF INHALED:	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.				
HOT LINE NUMBER					

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For general information on product use, etc., call the National Pesticides Information Center (NPIC) at 1-800-858-7378 Mon. - Fri. 8:00 am to 12:00 pm Pacific Time. For emergencies, call the poison control center at 1-800-222-1222.

NOTE TO PHYSICIAN: Treat symptomatically. Consider the possibility that overexposure to materials other than this product may have occurred. Probable mucosal damage may contraindicate the use of gastric lavage.

EPA Reg. No. 83520-XX

EPA Est. No.

**Manufactured For:** 

Tacoma Ag, LLC P.O. Box 14073 Durham, NC 27709

NET CONTENTS: GALLONS

ACCEPTED

04/09/2015

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

83520-35

# PRECAUTIONARY STATEMENTS DANGER HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Causes irreversible eye damage and skin burns. Harmful is swallowed or absorbed through skin. Do not get in eyes, on skin, or on clothing.

# PERSONAL PROTECTIVE EQUIPMENT (PPE)

# Applicators and other handlers must wear:

- Coveralls over short-sleeved shirts and short pants
- Chemical-resistant gloves made of any waterproof material such as nitrile, butyl, neoprene and/or barrier laminate
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when mixing, loading or cleaning equipment

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 and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

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.

# **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 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**

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Do not contaminate water used for irrigation or domestic purposes.

# **SPRAY DRIFT**

Avoid spray drift. Do not apply when weather conditions may cause drift. Do not allow this product to drift on to non-target areas. Drift may result in illegal residues or injury to adjacent crops and vegetation, in the form of leaf yellowing and defoliation. To avoid spray drift, do not apply aerially when wind speed is greater than 10 mph or during periods of temperature inversions. Use of larger droplet size will also reduce spray drift.

AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR.

The interaction of many equipment- and weather-related factors determine the potential for spray drift. The applicator is responsible for considering all these factors when making decisions.

The following drift management requirements must be followed to avoid off-target 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 ¾ the length of the wingspan or rotor.
- 2. 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 REDUCTIONS ADVISORY** below.

# AERIAL DRIFT REDUCTION ADVISORY

This section is advisory in nature and does not supersede the mandatory label requirements.

# **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 favorable 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 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 ¾ of the wingspan or rotor length may further reduce drift without reducing swath width.

#### **Application Height**

Applications should be not be made at a height greater than 10 feet above the top of the target 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 should 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 altitude and are common on nights with limited 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, know habitat for threatened or endangered species, non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas).

#### **USE PRECAUTIONS**

Do not apply Ethephon 6 through any type of irrigation system.

Avoid spray drift to nearby crops as this product will cause modifications in plant growth. Plant injury or reduced yields will result.

Mix only the amount of spray you expect to use each day. Do not allow mixed solutions to stand overnight.

# **DIRECTIONS FOR USE**

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 regulations.

Read entire label before using this product.

# 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. The REI is 72 hours in areas where average rainfall is less than 25 inches per year.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and the 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 any waterproof material, such as nitrile, butyl, neoprene or barrier laminate
- Chemical-resistant footwear plus socks
- Protective eyewear
- For overhead exposure, chemical-resistant headgear is also required.

Notify workers of the application by warning them orally and posting warning signs at entrances to treated areas.

#### PRODUCT INFORMATION

#### Cotton

Ethephon 6 will accelerate opening of mature unopened cotton bolls and enhance defoliation which can result in earlier harvest with an increased recoverable yield. Treating cotton with Ethephon 6 allows increased efficiency from a once-over harvest.

# **Tobacco (Flue-Cured)**

Ethephon 6 promotes early, uniform "yellowing" of mature tobacco. Ethephon 6 reduces curing time, allows more efficient use of curing barn space, and increases control over harvest schedules.

## **Spray Preparation**

Add ½ to ¾ of the required amount of water to the spray tank. Start agitation. Add the required amount of product, then the remaining amount of water. Prepare only as much spray solution as can be used on the day of mixing. Do not allow spray solution to stand overnight. Do not spill the concentrated product on spray equipment or any airplane parts.

# ANY SPILLS SHOULD BE RINSED IMMEDIATELY WITH PLENTY OF WATER.

Use of a nurse tank is highly recommended for avoiding possible spills of concentrated formulation on spray equipment or any airplane parts.

#### **Tank Mixtures with Defoliants and Insecticides**

Ethephon 6 is compatible with DEF®, FOLEX®, DROPP®, DROPP® Ultra<sup>TM</sup>, Ginstar®, Harvade®, Methyl Parathion, Guthion® and malathion. Follow all applicable use precautions and rate recommendations on label of products applied as tank mixtures or in sequence with this product. In some cases, slight reduction in boll opening response has been observed when tank mixes with defoliants were used.

Good agitation in the spray tank is essential. Do not allow tank mixtures to stand without agitation for more than 5 to 10 minutes. Read and observe all appropriate label use directions and precautions for the defoliants and insecticides used.

- Do not tank mix Ethephon 6 with desiccants if cotton is to be spindle harvested.
- Do not tank mix Ethephon 6 with products containing sodium chlorate, since doing so may result in the formation of Hypochlorous Acid that will release toxic chlorine fumes upon heating.
- Do not tank mix Ethephon 6 with ammonium thiosulfate, since doing so may result in the release of toxic fumes.

# **Equipment Cleaning**

Because of the acidic nature of this product, prolonged exposure to spray deposit will damage acrylic plastics, certain paints, and metals.

Thoroughly rinse all exposed acrylic plastic-type materials (e.g., aircraft windshields) and painted surfaces with detergent and water within one hour after exposure to spray deposits.

At the end of each day, thoroughly rinse all the metal parts of the spray equipment exposed to the spray deposits with detergent and water.

#### COTTON

33.13.1							
Use	Conditions	Rate of Ethephon 6		One Gallon of Ethephon 6 Treats:	Minimum Spray Volumes (Gals/A) <sup>a</sup>		Application
		Pint s/A	Lbs. A.I.	Acres	Ground	Air <sup>d</sup>	Timing
	Hot, dry, above 80°F	1 1/3	1.0	6	_ 10 2		Apply when the number of
Boll Opener <sup>b</sup>	Dry and 75- 80°F	2	1.5	4		2	mature unopened bolls
	Cool, above 65°F or Rank Cotton	2 2/3	2.0	3		is sufficient to produce the desired crop. See <b>Boll</b>	

Use	Conditions	Rate of Ethephon 6		One Gallon of Ethephon 6 Treats: Minimum Spray Volume (Gals/A) <sup>a</sup>		umes a) <sup>a</sup>	Application	
		Pint s/A	Lbs. A.I.	Acres	Ground	Air <sup>d</sup>	rilling	
							Maturity section below for test of boll maturity. Treatment uniformly opens bolls 7 to 14 days earlier.	
Ethephon 6 + FOLEX <sup>®</sup> Defoliant Tank Mix <sup>c</sup>	High soil moisture or High fertility level or Rank Cotton	1/3	0.25	24	10	5	Apply 4 to 7 days prior to boll opening treatment. Use as a sequential treatment with, not in place of, boll opening treatment.	
Ethephon 6 + Dropp Defoliant Tank Mix <sup>c</sup>	High soil moisture or High fertility level or Rank Cotton	1/3	0.25	24	10	3	Apply 4 to 7 days prior to boll opening treatment. Use as a sequential treatment with, not in place of, boll opening treatment.	
	Hot, dry, above 80°F	2/3	0.5	12			Apply 4 to 7 days prior to	
Pre- Conditioner for Defoliation	Cool, above 65°F or Rank Cotton	1 1/3	1.0	6	10	2	defoliant. Enhances top crop defoliation, reduces deterioration of bottom crop and allows for earlier harvest.	

a. For best performance, whether by ground or air application, choose equipment and spray volumes that will ensure uniform coverage of foliage and bolls.

b. Pretreatment with defoliants before boll opening treatment with Ethephon 6: If the cotton is overly rank or laying down in the middles and good spray coverage of the bolls is difficult, pretreatment with a defoliant will often improve boll coverage in subsequent boll opening treatment with Ethephon 6 at labeled rates (above). Read and observe all appropriate label use directions and precautions for the defoliant used.

c. Can use up to full label rate for each product.

d. In California and Arizona, use a volume of no less than 5 gallons per acre for aerial applications.

## **Boll Maturity**

A cotton boll is mature when it is too hard to be dented when squeezed between thumb and finger, too hard to be sliced with a sharp knife, and when the seed coat becomes light brown in color.

#### **Use Limitation**

- Boll Opening: Do not tank mix Ethephon 6 with a desiccant if the cotton is to be spindle harvested.
- Pre-Condition for Defoliation: Do not tank mix Ethephon 6 with desiccants unless plant desiccation is required. Do not use a defoliant before there are sufficient mature unopened bolls to produce the desired yield (see **Boll Maturity** section above, about how to test for boll maturity).
- Do not apply this product if rain is expected within 6 hours. Rainfall within 6 hours of application may reduce product performance.
- Do not harvest cotton within 7 days after treatment.
- Do not plant another crop within 30 days after treatment. Small grains planted earlier than 1
  month or intercropped with the cotton crop to which Ethephon 6 will be applied may only be
  used as cover crops and may not be harvested for food or feed. Ethephon 6 may cause
  yellowing and growth inhibition of treated small grains.
- Do not exceed a maximum of 2.0 lbs. ethephon active ingredient per acre per year through combined or repeated uses of any ethephon products.

Observe the treated crop and harvest when optimum boll opening has been attained. Harvesting too early might reduce the full advantage of the treatment and too late may result in reduced quality and loss of lint which will drop from the plant.

TOBACCO (Flue-Cured Only)

Application Method	Rate of Ethephon 6 Pints/Acre	Minimum Spray Volumes (Gals/A)	Specific Directions
Directed Spray	1 1/3	50	Use drop nozzles. Choose TG or OC spray tips designed to apply 50 – 60 GPA at 35 – 40 psi and tractor speed of 2-3 mph. Use 2 nozzles per row; one on each side of the row dropped low enough to direct the spray onto the leaves to be ripened for harvest. Thorough spray coverage is essential. Harvest all leaves with 20% or more yellowing.
Over-the-Top	1 1/3 – 2 2/3	40	Treat when only mature leaves remain on the stalk. To determine whether remaining leaves are mature, test spray several tobacco plants as described below in the <b>Application Timing</b> section. Use the lower rate under most conditions when experience indicates that minimum ripening inducement is required. Use the higher rate when the crop is heavy or rank or during cool (temperatures below 65°F), slow ripening conditions. Always test spray to determine if the tobacco is mature enough to respond to treatment with Ethephon 6. Apply over-the-top sprays as a fine

Application Method	Rate of Ethephon 6 Pints/Acre	Minimum Spray Volumes (Gals/A)	Specific Directions
			mist using three nozzles (one nozzle tip over the center of the plant, and one on each side) so all leaves are covered thoroughly, similar to application methods for systemic sucker control agents. Use a spray pressure of 40 to 60 psi.

#### **Use Limitations**

- Do not use Ethephon 6 with additives other than those recommended on this label.
- Do not apply Ethephon 6 to immature leaves, since this can result in unsatisfactory coloring, weight loss, and reduced leaf quality.
- Do not allow the crop to over ripen in the field after using Ethephon 6, since this may cause some reduction in yield and quality.
- Do not apply this product if rain is expected within 6 hours. Rainfall within 6 hours of application may reduce product performance.
- Do not treat before anticipated heavy rainstorms that could prevent harvest and result in crop loss.
- Do not plant another crop within 30 days after treatment.
- Do not exceed a maximum of 2 lbs. ethephon active ingredient per acre per year through repeated uses of any ethephon products.

#### **Application Timing**

Successful results with Ethephon 6 require treatment when leaves are mature, not overly rank green. To determine the proper treatment timing and the number of leaves per stalk ready for harvest, test spray several plants in more than one location in each field and observe the response. Mature leaves will begin to yellow in 24 to 72 hours. Test leaves that do not yellow within 72 hours are mature and not ready for treatment with Ethephon 6. Wait a few days to permit further maturing, then make another test spray to assess crop maturity.

Prepare test spray by mixing 1 teaspoonful of Ethephon 6 in 1 quart of water. Spray each test plant with about 1 oz. of this mixture, covering all leaves with a fine mist. Ethephon 6 will not color immature sprayed leaves.

Once the proper treatment timing has been determined, one can determine the number of acres to treat in order to fill the curing barn.

# When to Harvest

Mature treated leaves will begin to color within 24 to 72 hours after treatment with Ethephon 6. The yellowing process is weather dependent; cool weather will delay, while hot, sunny weather can accelerate the process. Harvest treated tobacco when leaves have achieved the desired color intensity.

Harvest can begin 48 hours after treatment. Closely monitor treated crop and weather conditions to determine harvest timing and avoid quality loss or leaf drop.

# **Curing Treated Tobacco**

Curing procedures depend on crop condition, interval between treatment and harvest, weather, and type of curing facility. To obtain maximum quality, observe and control the curing process closely, especially during the late "coloring" and early "drying" stages of the leaves.

Tobacco treated with Ethephon 6 will have begun the coloring process when harvested and will reduce the time required in the coloring phrase of curing. Treated tobacco should be dried faster. If tobacco leaves are green or contain some green when harvested, it may be necessary to color them for a few hours. If the leaves are completely yellow, temperature and ventilation must be adjusted to dry the tobacco as fast as possible without scalding. Once the leaf is dried (3/4 dry), follow normal curing

procedures. Since tobacco treated with Ethephon 6 will cure faster than untreated tobacco, treated and untreated tobacco should not be cured together in the same barn.

# STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a cool, dry place away from food, feed, and other pesticides. Ethephon 6 must be stored and used in ventilated areas only.

**IF SPILLED:** If container is broken or contents have spilled, follow all precautions indicated above and clean up immediately. Before cleaning up, put on full-length trousers, long-sleeved shirt, protective gloves and goggles or face shield. Soak up spill with absorbent media such as sand, earth, or other suitable material and dispose of waste at an approved waste disposal facility.

**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 DISPOSAL**

## Nonrefillable Container (five gallons or less):

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. 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 ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If container is burned, stay out of smoke.

Nonrefillable Container (greater than five gallons): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least on complete revolution, for 30 seconds. Stand the container on its end and tip back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If container is burned, stay out of smoke.

Refillable Container: Refillable container. Refill this container with ethephon only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. For final disposal, offer for recycling or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

#### **Terms and Conditions of Use**

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.

# **Warranty Disclaimer**

Tacoma Ag, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, TACOMA AG, LLC MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILTY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

#### Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Unintended consequences may result because of such factors as use of the product contrary to label instructions, presence of other materials, or other factors, all of which are beyond the control of Tacoma Ag, LLC or the seller. All such risks shall be assumed by buyer.

#### **Limitation of Remedies**

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Tacoma Ag, LLC election, one of the following: Refund of purchase price paid by buyer or user for product bought, or Replacement of amount of product used.

To the extent consistent with applicable law, Tacoma Ag, LLC shall not be liable for losses or damages resulting from handling or use of this product unless Tacoma Ag, LLC is promptly notified of such loss or damage in writing. In no case, to the extent consistent with applicable law, shall Tacoma Ag, LLC be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Tacoma Ag, LLC or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

Guthion is a registered trademark of Makhteshim Agan of North American, Inc. DEF, Dropp and Ginstar are registered trademarks and Ultra is a trademark of Bayer Crop Science. FOLEX is a registered trademark of the AMVAC Chemical Corporation. Harvade is a registered trademark of Crompton/Uniroyal Co.

[EPA approval date]