



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
232871

Application for Pesticide - Section I

1. Company/Product Number 10182-280	2. EPA Product Manager James Tompkins	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) GRAMOXONE EXTRA Herbicide	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) ZENECA Ag Products 1800 Concord Pike, PO Box 15458 Wilmington, DE 19850-5458 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b> NOV 4 - 1997
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)  
Supplemental labeling for GRAMOXONE EXTRA for harvest aid use in cotton, the addition of "For use only in the states of New Mexico, Oklahoma, and Texas. Rounding rates to even pint increments of 0.75 (for 0.8) and 1.5 (for 1.6)

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	If "Yes" Unit Packaging wgt.    No. per container		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Deborah Touzell	Title Regulatory Information Coordinator	Telephone No. (Include Area Code) 302-886-1226
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped) 
2. Signature 	3. Title Regulatory Information Coordinator	
4. Typed Name Deborah Touzell	5. Date October 17, 1997	

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# NOTIFICATION

NOV 4 - 1997

## RESTRICTED USE PESTICIDE

### Due to Acute Toxicity

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

SUPPLEMENTAL LABEL FOR USE ON COTTON IN THE STATES OF NEW MEXICO, OKLAHOMA AND TEXAS

# GRAMOXONE® EXTRA HERBICIDE

EPA Reg. No. 10182-280

## DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Crop	Use Pattern	GRAMOXONE EXTRA Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
COTTON	Harvest Aid			3	<p><b>Harvest Aid Use Precautions</b> (Applies to all sections)</p> <ul style="list-style-type: none"> <li>Do not pasture livestock in treated fields or feed treated foliage.</li> <li>Do not apply to cotton within 3 days before harvest.</li> <li>Repeat application if necessary. Do not exceed a total of 1.5 pts. per acre as a harvest aid.</li> <li>May be tankmixed with other cotton harvest aid materials known to be effective by the local expert. Unless otherwise instructed in this label, refer to tankmix product label for rates, directions, limitations and cautions.</li> <li>GRAMOXONE EXTRA can be applied in a tankmix with methyl-parathion and/or KARATE® insecticide.</li> <li>Nodes above cracked bolls (NACB) timing is for guidance and is not intended to restrict the local expert in their use of the product.</li> </ul>

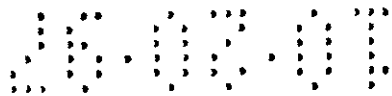


Crop	Use Pattern	GRAMOXONE EXTRA Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
<b>SOUTHERN COTTON</b>  Harvest aid for boll opening and defoliation (Tank mix with phosphate and chlorate defoliant)	Broadcast	6.5 fl oz plus 1 pt phosphate or 1 gal chlorate	Ground: 10 gal  Air: 5 gal	7	<ul style="list-style-type: none"> <li>Development of immature bolls will be inhibited.</li> <li>Apply when 80% or more of the bolls are open and the remaining bolls to be harvested are mature.</li> </ul>
<b>SOUTHERN COTTON</b>  Additional Tankmixes for boll opening and defoliation	Broadcast	2.5 - 4.0 oz	Ground: 10 gal  Air: 5 gal	-	<ul style="list-style-type: none"> <li>To aid in defoliation and opening of mature bolls, GRAMOXONE EXTRA may be tankmixed with the following products:                ACCELERATE® defoliant                DEF® defoliant                DROPP® defoliant                ETHEPHON plant growth regulant                FOLEX® defoliant                HARVADE® harvest growth regulant                PREP™ PGR</li> <li>Apply when 60% or more of the bolls are open and the remaining bolls to be harvested are mature.</li> <li>Development of immature bolls will be inhibited.</li> <li>Refer to tank mix product label for rate, directions, limitations and cautions.</li> </ul>
<b>SOUTHERN COTTON</b>  Post Defoliation- To aid in opening of mature bolls and to desiccate green weeds	Broadcast	0.75 - 1.5 pints	Ground: 10 gal  Air: 5 gal	3	<ul style="list-style-type: none"> <li>Use higher rate if weed infestation is heavy or dense.</li> <li>Apply when 75% or more of the bolls are open and remaining bolls to be harvested are mature.</li> <li>Development of immature bolls will be inhibited.</li> <li>After a defoliation or conditioning application has been made, delay desiccation application of GRAMOXONE EXTRA approximately 3-7 days to minimize leaf sticking.</li> </ul>

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Crop	Use Pattern	GRAMOXONE EXTRA Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
<p><b>COTTON</b> Stripper or Spindle Harvested</p> <p>Harvest aid for defoliation and boll opening</p>	Broadcast	2.5 - 9 fl oz	<p>Ground: 10 gal</p> <p>Air: 5 gal</p>	3	<ul style="list-style-type: none"> <li>● IT IS ADVISABLE, BECAUSE OF EXTREMES IN ENVIRONMENTAL AND PLANT CONDITIONS, TO APPLY THE RANGE OF RATES ON A SMALL BLOCK OF COTTON TO DETERMINE THE RATE THAT BEST FITS YOUR NEEDS.</li> <li>● Apply when 75% of the bolls are open and the remaining bolls to be harvested are mature.</li> <li>● DEVELOPMENT OF IMMATURE BOLLS WILL BE INHIBITED. SLICE BOLLS AND INSPECT THE SEED FOR MATURITY.</li> <li>● GRAMOXONE EXTRA may be applied alone or tank mixed with the following cotton harvest aids: ACCELERATE® defoliant DEF® defoliant DROPP® defoliant ETHEPHON plant growth regulator FOLEX® defoliant HARVADE® harvest growth regulator PREP™ PGR</li> <li>● May be applied as a split application. Do not exceed a total of 1.5 pts/Acre.</li> <li>● To avoid leaf sticking, apply GRAMOXONE EXTRA as a desiccant approximately 3-7 days after defoliation or a conditioning application and 7-14 days before harvest.</li> <li>● Cooler temperatures may cause a longer waiting period between application of GRAMOXONE EXTRA as a desiccant and defoliation/condition.</li> <li>● Lower rates in the range may be necessary south of I-10 in Texas where temperatures are typically higher during defoliation.</li> </ul>



Crop	Use Pattern	GRAMOXONE EXTRA Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
<b>COTTON</b>  Late season desiccation	Broadcast	0.75 - 1.5 pints	Ground: 10 gal  Air: 5 gal	3	<ul style="list-style-type: none"> <li>● IT IS ADVISABLE, BECAUSE OF EXTREMES IN ENVIRONMENTAL AND PLANT CONDITIONS, TO APPLY THE RANGE OF RATES ON A SMALL BLOCK TO DETERMINE THE RATE THAT BEST FITS YOUR NEEDS.</li> <li>● May be applied as a split application. Do not exceed a total of 1.5 pts/Acre.</li> <li>● Apply when 85% of the bolls are open and the remaining bolls to be harvested are mature (approximately 0 NACB).</li> <li>● Development of immature bolls will be inhibited. Slice bolls and inspect the seed for maturity.</li> <li>● Lower rates in the range may be necessary south of I-10 in Texas where temperatures are typically higher during defoliation.</li> <li>● If a defoliation or conditioning application has been made, delay desiccation application of GRAMOXONE EXTRA approximately 3-7 days to minimize leaf sticking.</li> <li>● May be tankmixed with other harvest aid materials known to the local expert to be effective.</li> </ul>
<b>COTTON</b>  Desiccation of Regrowth	Broadcast	0.75 - 1.5 pints	Ground: 10 gal  Air: 5 gal	3	<ul style="list-style-type: none"> <li>● Use to desiccate regrowth occurring after defoliation or desiccation.</li> <li>● Regrowth is difficult to control, therefore, thorough coverage with the full recommended rate is necessary.</li> <li>● Control is dependent on growing conditions and desiccation of small new regrowth may not always be complete.</li> <li>● Use higher rate if regrowth is excessive.</li> </ul>

All applicable directions, restrictions and precautions on the EPA-registered label are to be followed.

This labeling must be in the possession of the user at the time of pesticide application.

GRAMOXONE® EXTRA HERBICIDE is a trademark of a ZENECA Group Company.  
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