



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 5, 2018

Montague Dixon  
Senior Regulatory Product Manager  
Syngenta Crop Protection, LLC  
P.O. Box 18300  
Greensboro, NC 27419-8300

Subject: Amendment to Add a Supplemental Label – cotton use directions for postemergence directed spray using Machine Vision precision sprayer  
Product Name: Gramoxone SL 2.0  
EPA Registration Number: 100-1431  
Application Date: October 13, 2017  
Decision Number: 535124

Dear Mr. Dixon:

The label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. This approval is only for a supplemental label that is an addendum to the master label. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

This supplemental labeling contains some new and/or revised uses and/or directions which may be additional to the uses and/or directions found on the label on or attached to the container, but this supplemental labeling does not by itself constitute the complete set of use directions. The complete set of use directions is set forth on the container label as combined with this supplemental labeling.

A stamped copy of your labeling is enclosed for your records. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Mindy Ondish by phone at 703-605-0723, or via email at [ondish.mindy@epa.gov](mailto:ondish.mindy@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "Reuben Baris".

Reuben Baris, Product Manager 25  
Herbicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure

**SUPPLEMENTAL LABELING**

**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.

**Syngenta Crop Protection, LLC**  
P. O. Box 18300  
Greensboro, North Carolina 27419-8300

**PARAQUAT DICHLORIDE    GROUP    22    HERBICIDE**

**Gramoxone® SL 2.0**  
**Herbicide**

A Weed, Grass, and Harvest Aid Desiccant/Defoliant Herbicide

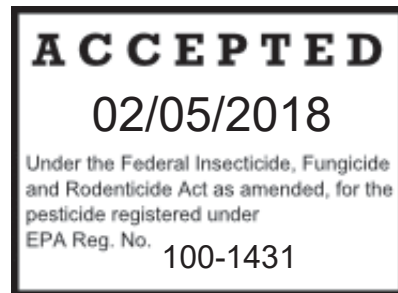
**This supplemental labeling expires on September 30, 2019 and must not be used or distributed after this date.**

Active Ingredient:	
Paraquat dichloride (1,1'-dimethyl-4,4'-bipyridinium dichloride) .....	30.1%
Other Ingredients:	69.9%
Total:	100.0%

Gramoxone SL 2.0 contains 2.0 pounds paraquat cation per gallon as 2.762 pounds salt per gallon.  
Gramoxone SL 2.0 contains alerting agent (odor), emetic, and dye.

**EPA Reg. No. 100-1431**

**KEEP OUT OF REACH OF CHILDREN.**



**DANGER / POISON**  
**PELIGRO / VENENO**

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.)

- **NEVER PUT INTO FOOD, DRINK OR OTHER CONTAINERS.**
- **IF SWALLOWED, TAKE IMMEDIATE ACTION AS PRESCRIBED IN FIRST AID STATEMENT. SYMPTOMS ARE PROLONGED AND PAINFUL.**
- **DO NOT USE OR STORE IN OR AROUND THE HOME.**
- **DO NOT REMOVE CONTENTS EXCEPT FOR IMMEDIATE USE.**
- **THE ODOR OF THIS PRODUCT IS FROM THE ALERTING AGENT WHICH HAS BEEN ADDED, NOT FROM PARAQUAT.**

All applicable directions, restrictions and precautions on the EPA-registered label are to be followed. Before using Gramoxone SL 2.0 as permitted according to this supplemental labeling, read and follow all applicable directions, restrictions, and precautions on the EPA registered label on or attached to the pesticide product container. This Supplemental Labeling contains revised use instructions and/or restrictions that may be different from those that appear on the container label. This Supplemental Labeling must be in the possession of the user at the time of pesticide application. It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.



## DIRECTIONS FOR USE

Crop	Maximum Number of Applications Per Year	Use Pattern	Gramoxone SL 2.0 Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Directions
COTTON	3	Postemergence Directed Spray (Precision Machine Vision Directed Spray)	1.2-2.0 pt	NA – ensure targeted weeds receive thorough spray coverage		<p><b>Restrictions</b></p> <ul style="list-style-type: none"> <li>Precision application equipment with automated detection (Machine Vision) of weed must be used to minimize contact with cotton</li> <li>Do not make more than a total of 3 postemergent directed spray applications using Precision Machine Vision Directed Spray equipment or a hooded shield sprayer.</li> </ul> <p><b>Precautions</b></p> <ul style="list-style-type: none"> <li>Apply when weeds are actively growing and before weeds reach 4" in height.</li> <li>For improved control and herbicide resistance management a tank mix with Caparol is recommended</li> <li>May be tank mixed with other herbicides approved for postemergence directed use in cotton.</li> <li><b>AVOID CONTACT WITH CROP.</b> Intentional or accidental contact (including drift) of Gramoxone SL 2.0 with the crop may result in severe damage or loss of the crop.</li> <li>Equipment should be in good operating condition. Avoid leakage or dripping onto crop. Variation in equipment design may affect level of weed control.</li> </ul>
COTTON	3	Postemergence Directed Spray (Hooded or Shielded)	1.2-2.0 pt	Ground: 10 gal	-	<p><b>Restrictions</b></p> <ul style="list-style-type: none"> <li>If multiple applications are made, do not apply the second application until 14 days after first application.</li> <li>Apply by directing spray between the rows and using hooded or shielded sprayers to prevent contact with crop plants.</li> <li>Do not make more than a total of 3 postemergent directed spray applications using Precision Machine Vision Directed Spray equipment or a hooded shield sprayer.</li> </ul> <p><b>Precautions</b></p> <ul style="list-style-type: none"> <li>Apply when weeds are actively growing and before weeds reach 4" in height.</li> <li>Use higher specified rate on dense populations and/or larger or hard to control weeds. Weeds 6" or taller may not be controlled.</li> <li><b>AVOID CONTACT WITH CROP.</b> Intentional or accidental contact (including drift) of Gramoxone SL 2.0 with the crop may result in severe damage or loss of the crop.</li> <li>Equipment should be in good operating condition. Avoid leakage or dripping onto crop. Variation in equipment design may affect level of weed control.</li> <li>Keep hoods or shields adjusted to insure adequate contact with weeds while shielding the crop from the herbicide.</li> <li>To minimize drift, do not use nozzles or nozzle configurations or adjuvants which produce fine spray droplets (mist).</li> <li>May be tank mixed with other herbicides approved for postemergence directed use in cotton. Unless otherwise instructed on this label, refer to tank mix product label for rates, directions, limitations and cautions.</li> </ul>

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Gramoxone SL 2.0 1431A-S25 1017-ver B – mar – 1/30/18  
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Gramoxone SL 2.0 1431A-S25 1017-ver B-HI – mar – 1/30/18  
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