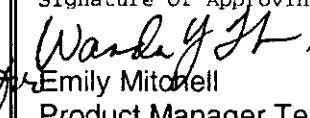
 <p align="center"><b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> Office of Pesticide Programs Antimicrobials Division (7510P) 1200 Pennsylvania Avenue NW Washington, D.C. 20460</p> <p align="center"><b>NOTICE OF PESTICIDE:</b> <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration</p> <p>(under FIFRA, as amended)</p>	EPA Reg. Number: <b>82961-1</b>	Date of Issuance: <b>NOV - 1 2005</b>
	Term of Issuance: <b>Conditional</b>	
	Name of Pesticide Product: <b>Zenda™ Spud</b>	
Name and Address of Registrant (include ZIP Code): <b>Bi-oxide Crop Science LLC 401 S. Wall Street, Suite 103 P.O Box 2232 Calhoun, GA 30703</b>		
<p>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.</p>		
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>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.</p> <p align="center">This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> <li>1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.</li> <li>2. Make the labeling changes listed below before you release the product for shipment: <ol style="list-style-type: none"> <li>a. Revise the "EPA Registration Number to read, "EPA Reg. No. 82961-1".</li> </ol> </li> </ol>		
Signature of Approving Official:  Emily Mitchell Product Manager Team-32 Regulatory Management Branch II Antimicrobials Division (7510P)	Date: <b>NOV - 1 2006</b>	

3. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

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

A stamped copy of the label is enclosed for your records.

# Zenda™ Spud

FUNGICIDE FOR USE ON STORED POTATOES

**ACTIVE INGREDIENT**

Sodium Chlorite.....	7.5%
OTHER INGREDIENTS.....	92.5%
TOTAL.....	100.0%

Contains 0.77 lbs of sodium chlorite per gallon at 70°F (21°C)

**KEEP OUT OF THE REACH OF CHILDREN**

**DANGER – PELEGRO**

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.)

<b>FIRST AID</b>	
<b>If in eyes</b>	<ul style="list-style-type: none"> <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 poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> </ul> <p>Call a poison control center or doctor for treatment advice if burning or irritation of the skin persists.</p>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Have person drink a glass of water immediately if able to swallow.</li> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air and monitor for respiratory distress.</li> <li>• If cough or difficulty in breathing develops, consult a</li> </ul>

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

NOV -1 2006

Latest update – 04/14/06

Under the Federal Insecticide,  
Fungicide and Rodenticide Act as  
amended for the pesticide,  
registered under EPA Reg. No. 82961-1

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	<p><b>physician immediately.</b></p> <ul style="list-style-type: none"> <li>• <b>If person is not breathing, call 911 or an ambulance, and then give artificial respiration.</b></li> <li>• <b>Call a poison control center or doctor for further treatment advice.</b></li> </ul>
<b>HOT LINE NUMBER</b>	
<p><b>Have the product container or label with you when call a poison control center or doctor or going for treatment. For emergency medical attention, call 1-800-222-1222.</b></p>	

EPA Reg. No. 82961-XXX

EPA EST. NO. 75435-GA-1

**Bi-Oxide Crop Science LLC  
401 S. Wall St., Suite 103  
Calhoun, GA 30703**

**NOTE TO PHYSICIAN:  
Probably mucosal damage may contraindicate the use of gastric lavage.**

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**Net Contents: 2.0 Gallons, 5.0 Gallons, 55 Gallons, Mini-Bulk**

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### PRECAUTIONARY STATEMENTS

**DANGER: CORROSIVE, CAUSES EYE AND SKIN DAMAGE.** Harmful if swallowed. Irritating to nose and throat. Avoid breathing vapor. Do not get in eyes, on skin or clothing. Wear goggles or face shield, rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**USERS SHOULD:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove personal protective equipment immediately after handling this product.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your state Water Board or Regional Office of the EPA.

**PHYSICAL AND CHEMICAL HAZARDS**

DO NOT mix with acids or other chemicals except water. Mixing with acid or other chemicals may cause evolution of chlorine dioxide gas, which is poisonous and explosive.

**TO CONTROL THE SPREAD OF LATE BLIGHT, SOFT ROT, DRY ROT, SILVER SCURF, RING ROT, PINK ROT, BLACK SCURF, AND OTHER TUBER DISEASE CAUSING ORGANISMS IN POTATO STORAGE SHEDS.**

**DIRECTIONS FOR USE:**

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

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

**DO NOT** repackage or re-formulate this product.

*Activation of Zenda™ Spud*

Prior to dilution, the product concentrate must be activated by addition of an acid in order to generate chlorine dioxide. See below for directions of activation. The use of Zenda™ Act as an activator is recommended. Citric acid may also be used as an activator as well as acetic acid and inorganic acids such as phosphoric, hydrochloric, and sulfuric acids. When using Zenda™ Act or the other acids, Zenda™ Spud is diluted to the required concentration in accordance with label instructions and the acid is added until a pH of 2.6 is attained. The Zenda™ Spud and Zenda™ Act distributor/seller can provide guidance to the Professional Applicator and/or User in the proper activation techniques.

**FOR THE TREATMENT OF WATER USED TO SPRAY OR RINSE POTATOES PRIOR TO STORAGE**

To prepare a 1,000 ppm solution, take the following steps.

Activation

Add one gallon of Zenda™ Spud to 3 gallons of water. Next add 15 fl oz of Zenda™ Act (mixture of sulfuric acid and urea). Immediately add water to make a total volume of 87 gallons. Or, add one gallon of Zenda™ Spud to 3 gallons of water and next added either 1.20 lbs of citric acid (99% fine granular) or 5.78 fl oz of 75% phosphoric acid. Immediately add water to make a total volume of 87 gallons.

Dilution

Dilute the activated solution to 400 ppm. For every one gallon of the 1,000 ppm activated solution, add 1.5 gallons of water to achieve a 400 ppm concentration.

Application

Apply 400 ppm solution directly on tubers going into storage using any appropriate means such as spraying or misting. For small volume applications, refer to the Bi-oxide Crop Science Technical Data Sheet.

**FOR THE TREATMENT AFTER STORAGE TO CONTROL TUBER DISEASE CAUSING ORGANISMS ON STORED POTATOES.**

To prepare a 1,000 ppm solution, take the following steps.

Activation

Add one gallon of Zenda™ Spud to 3 gallons of water. Next add 15 fl oz of Zenda™ Act (mixture of sulfuric acid and urea). Immediately add water to make a total volume of 87 gallons. Or, add one gallon of Zenda™ Spud to 3 gallons of water and next added either 1.20 lbs of citric acid (99% fine granular) or 5.78 fl oz of 75% phosphoric acid. Immediately add water to make a total volume of 87 gallons.

Dilution

Dilute the activated solution to 200 ppm. For every one gallon of the 1,000 ppm activated solution, add 4 gallons of water to achieve a 200 ppm concentration.

Application

For continual treatment of high risk storage, an initial treatment up to 200 ppm may be added to the humidification as either a mist into the air stream, or as a fog directly into the plenums.

For the periodic treatment of storage with unknown risk, a treatment up to 200 ppm may be applied as either a mist into the air stream, or as a fog directly into the plenums.

If reducing the amount of water being added to potatoes in storage during fogging treatments, concentrations of up to 400 ppm of activated product may be applied to the air streams.

Bi-oxide Crop Science LLC will not be responsible for losses or damages resulting from the use of Zenda™ Spud in any manner not specifically recommended by Bi-oxide Crop Science LLC.

**Owners/operators of potato storage facilities must ensure adequate protection of workers and handlers, according to the following guidance**

**PERSONAL PROTECTIVE EQUIPMENT**

Personal protective equipment (PPE) that must be worn during mixer/loader tasks associated with pre-storage applications of Zenda™ Spud includes: chemical-resistant gloves, goggles/face shield, and NIOSH approved canister/cartridge respirator rated for chlorine/acid gas vapors or specified for chlorine dioxide.

Chemical resistant gloves must be worn for all other handler activities in which the worker is placed in direct contact with either the wet treated potatoes (e.g., during inspection/disease monitoring in the storage shed) or the humidification water system/process water tank (during equipment cleaning/maintenance).

**RESTRICTIONS**

Do not allow unprotected workers in the area to be exposed above the permissible exposure limit (PEL) of 0.1 ppm for an 8 hour time weighted average (TWA) or 0.3 ppm for any 15 minute short term exposure limit (STEL).

Avoid storing the product under conditions in which it could evaporate to a crystalline salt.

All potatoes treated must have a potable rinse applied before further processing.

Avoid accidental contact with acids, chlorine compounds, hypochlorite (bleach), sulfur and sulfite compounds, phosphorus, organic solvents, and combustible/flammable materials. Exposure to acids or chlorine compounds can produce uncontrolled generation of chlorine dioxide.

Do not allow chlorine dioxide to accumulate in confined spaces. Waste water containing residual chlorine dioxide and its breakdown products like chlorite, chlorate, or chloride ions will not be transferred to public water ways but kept in an open pond or reservoir to go through aeration (which helps in the dissociation of chlorine dioxide) in the confines of the treatment facility and only discarded after the levels of these pesticides are equal to or lower than the ones recommended by EPA's Office of Water.

**GENERAL INFORMATION**

Zenda™ Spud is a contact fungicide and bactericide for the control of diseases such as

**FAILURE TO FOLLOW DIRECTIONS AND RECAUTIONS ON THIS LABEL  
MAY RESULT IN INJURY TO STORED POTATOES, POOR DISEASE  
CONTROL, OR ILLEGAL RESIDUES.**

### *Water Hardness*

Water quality can have a potential impact on the effectiveness of Zenda™ Spud. Water containing deposits of iron and manganese as well as organic matter such as humic acids may adversely affect the performance of Zenda™ Spud. For guidance in accessing any potential water quality issues, particularly iron and manganese contents, as well as organics, consult your state extension specialist or official state recommendations.

### *For Direct Use by Spray Equipment*

Thorough coverage is necessary to provide good disease control.

Equip sprayers with nozzles that provide accurate and uniform application. Be certain that nozzles are the same size and uniformly spaced across the boom. Calibrate sprayer before use.

Although Zenda™ Spud is a salt based formulation, it is suggested that screens be used to protect the pump and prevent nozzles from clogging. For more information on spray equipment and calibration, consult sprayer manufacturers and state recommendations.

## **STORAGE AND DISPOSAL**

**Storage:** Do not contaminate water, food, or feed by storage or disposal. Keep product in tightly closed container when not in use. Avoid storing product under conditions in which it could evaporate to a crystalline salt. Do not drop, roll, or skid container. Always replace cover. Store in a cool, dry well ventilated area way from heat or open flame. Avoid accidental contact with acids, chlorine products, hypochlorite (bleach), sulfur and sulfite compounds, phosphorous, organic solvents, and combustible/flammable materials. Exposure to acids or chlorine compounds can produce uncontrolled generation of chlorine dioxide. Do not allow chlorine dioxide to accumulate in confined spaces.

**Emergency Handling:** In case of contamination or decomposition, do not reseal the container, if possible, isolate container in open and well ventilated area. Flood with large volumes of water. If fire occurs, extinguish fire by applying large quantities of water. Any unopened containers near the fire should be cooled by spraying with water.

**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 – Plastic containers:** Triple rinse (or equivalent). The 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 burned, stay out of smoke.

**Container Disposal – Bulk and Mini-Bulk Containers:** Reseal container and offer for reconditioning, or triple rinse (or equivalent) and offer for recycling or reconditioning, or clean in accordance with manufacturer's instructions.

**Bulk and Mini-Bulk Container Precautions:** Before refilling, inspect thoroughly for damage, such as cracks, punctures, bulges, dents, abrasions, and damaged or worn thread on closure devices.

**REFILL ONLY WITH BO-OXIDE CROP SCIENCE LLC Zenda™ Spud.** The contents of this container cannot be completely removed by cleaning. Refilling with material other than Zenda™ Spud will result in contamination and may weaken the container. After filling and before shipment, check for leaks. **DO NOT REFILL OR TRANSPORT OR STORE DAMAGED OR LEAKING CONTAINERS.**

**EMPTY CONTAINER IS NOT SAFE FOR STORING FOOD, FEED, OR DRINKING WATER.**

#### **CONDITIONS OF SALE AND LIMINATION WARRANTY AND LIABILITY**

Notice: Read the entire Directions for Use and Conditions of Sale and Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened and unused, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully and reflect the opinion of experts base on storage use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop damage, ineffectiveness, or other unintended consequences or the manner of use or application, crop conditions, presence of other materials or other influencing factors, all of which are beyond the control of Bi-oxide Crop Science LLC or Seller. All such risks shall be assumed by the Buyer and User, and Buyer and Used agree to hold Bi-oxide Crop Science LLC and the Seller harmless for any claims related to such factors.

Bi-oxide Crop Science LLC warrants that this product conforms to the chemical description of the label and is reasonable fit for the purposes referred to in the Direction for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to or beyond the control of the Seller or Bi-oxide Crop Science LLC, and the Buyer and the User assume the risk of any such use. **Bi-oxide Crop Science LLC makes no other express or implied warranty of Fitness or of Merchantability or any other express or implied warranty except as stated above.**

In no event shall Bi-oxide Crop Science LLC or the Seller be liable for any incidental, consequential, or special damages resulting from the use or handling of this product. **The exclusive remedy of the user or buyer, and the exclusive liability for Bi-oxide Crop Science LLC or the Seller for any and all claims, losses, injuries, or damages (including claims based on breach or warranty, contract, negligence, tort, strict liability or otherwise) resulting from the use of the product or, at the election of Bi-oxide Crop Science LLC or the Seller, shall not exceed the replacement value of the product. Bi-oxide Crop Science LLC or the Seller's total liability shall be for damages not exceeding the cost of the product.**

Bi-oxide Crop Science LLC and the Seller offer this product, and the Buyer and the User accept it, subject to the foregoing Conditions of Sale and Limitations of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Bi-oxide Crop Science LLC.