

#### U.S. ENVIRONMENTAL PROTECTION AGENCY

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

Date of Issuance:

10/28/2014

NOTICE OF PESTICIDE:

X Registration
Reregistration
(under FIFRA, as amended)

Term of Issuance:
Unconditional

**EPA Reg. Number:** 

66330-422

Name of Pesticide Product:

Zolera with aBpro

Name and Address of Registrant (include ZIP Code):

Dave G. Bolin, Ph.D. Regulatory Affairs Manager Arysta LifeScience North America Corporation 15401 Weston Parkway, Suite 150 Cary, North Carolina 27513

**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:

10/28/2014

Hope A. Johnson, Product Manager 21

Fungicide Branch, Registration Division (7505P)

Page 2 of 2 EPA Reg. No. 66330-422 Decision No. 488006

- 2. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 66330-422."
  - Add an EPA Establishment Number
  - Add Net Contents information
- 3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

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 10/20/2014

If you have any questions, please contact Heather Garvie at (703) 308-0034 or garvie.heather@epa.gov.

Hope A. Johnson, Product Manager 21 Fungicide Branch Registration Division (7505P)

Attachment: Stamped label "Accepted"





**FUNGICIDE** 



## Zolera with aBpro [\*Yield Enhancer]

## For control and/or suppression of certain diseases in soybean & corn

#### **COMPONENT A**

#### **ACTIVE INGREDIENT:**

Tetraconazole*:	18.83%
OTHER INGREDIENTS:	<u>81.17%</u>
TOTAL:	100.0%
*4.50 (0.4.1)   1   1   0 (4.4.0.0.1.1.1)   174.1.4.0.4.1.1.1	

<sup>\*1-[2-(2,4-</sup>dichlorophenyl)-3-(1,1,2,2,-tetraflurorethoxy)propyl]1*H*-1,2,4-triazole

Micro emulsion containing 1.75 pounds of tetraconazole per gallon.

## **COMPONENT B**

## **ACTIVE INGREDIENT:**

Harpinαβ Protein:	1.0%
OTHER INGREDIENTS:	
Total:	100.0%

## **KEEP OUT OF REACH OF CHILDREN** CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

#### See inside of booklet for additional Directions for Use and Precautionary Statements

FIRST AID		
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>	
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.</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>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have affected person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give anything to an unconscious person.</li> </ul>	

Have the product container or label with you when calling a poison control center or doctor or going for treatment. FOR 24-HOUR MEDICAL EMERGENCY ASSISTANCE CALL PROSAR: 1-866-303-6952 or 1-651-603-3432.

FOR 24-HOUR CHEMICAL EMERGENCY (Spill, leaks, fire, exposure or accident) call CHEMTREC: 1-800-424-9300 or 1-703-527-3887.

#### Produced for:

Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150 Cary, NC 27513

**Net Contents** 

## ACCEPTED 10/28/2014

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 66330-422

EPA Reg No. 66330-XXX **EPA EST. No.** AD

## PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMAN AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

#### **Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, polyvinyl chloride (PVC)  $\geq$  14 mils, and viton  $\geq$  14 mils.

## Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves made of any water proof material

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.

#### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic 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 or runoff from treated areas may be hazardous to aquatic organisms adjacent to treatment areas. Exercise caution when making applications of **Zolera with aBpro**, and do not apply when atmospheric conditions favor drift or runoff. Do not contaminate water when disposing of equipment wash waters or rinsate.

#### **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.

## **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with it 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, 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) 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 12 hours for all activities with the exception of 20 days for detasseling corn grown for seed. 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,
- Chemical resistant gloves made of any waterproof material,
- Shoes plus socks,

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in original container in a dry, temperature-controlled, secure, place. Keep product away from exposure to air, sunlight, moisture, or heat. Do not store in temperatures over 110° F for more than 7 days. Use product within 3 weeks of opening and the same day as mixing.

**PESTICIDE DISPOSAL:** Wastes resulting from use of this product must be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** See individual component containers for container disposal instructions.

#### PRODUCT INFORMATION

**Zolera with aBpro** is a co-pack of the following:

- COMPONENT A is a fungicide formulated as a 1.75 pound active ingredient per gallon micro emulsion(ME). The active ingredient in COMPONENT A is tetraconazole, a triazole fungicide that works by inhibiting demethylation and other processes in sterol biosynthesis. Tetraconazole is absorbed quickly into the plant tissue and like all triazoles can move up, but not down the plant. Optimal disease control is achieved when COMPONENT A is applied in a regularly scheduled spray program. Preventive applications optimize disease control, resulting in [improved plant health] [beneficial physiological effects]. When using COMPONENT A in combination and/or rotation with other fungicides, it is important to use fungicides that have different modes of action (i.e. non Group 3 fungicides). Since COMPONENT A is a sterol biosynthesis inhibiting fungicide, do not rotate with other sterol biosynthesis inhibitors, such as Folicur®, Tilt®, or Laredo®.
- COMPONENT B stimulates the natural growth and defense systems of crops, enhancing overall plant health. Healthier plants exhibit increased plant stamina and vigor, leading to one or more of the following benefits: increased plant growth, improved stand, increased marketable yield, enhanced quality, extended shelf life, and improved transplant recovery. COMPONENT B is a tool for use in Integrated Crop Management (ICM). It has no direct killing effect on pests. Product efficacy is based on its ability to activate the plant's own internal defense and growth mechanisms. COMPONENT B works best when used in conjunction with good crop management practices.
- [OPTIONAL TEXT: NEMATODE EGG SUPPRESSION AND PLANT GROWTH
   COMPONENT B can be used to suppress nematode egg production while improving plant and root
   growth. COMPONENT B offers a different mode of action for nematode suppression. Use of a labeled
   pre-plant application of a soil fumigant, contact Nematicide, or nematicidal seed treatment is typically
   needed for nematode suppression in most crops.]
- [ALTERNATE TEXT: Use of a labeled pre-plant application of a soil fumigant, contact Nematicide, or nematicidal seed treatment is suggested for nematode management in most situations.]
- [OPTIONAL TEXT: Apply COMPONENT B for supplemental suppression of nematode egg production.]

## **MODE OF ACTION**

The active ingredient in COMPONENT A is tetraconazole, which belongs to the sterol biosynthesis inhibitor group of fungicides as classified by the Fungicide Resistance Action Committee (FRAC) as Target Site of Action Group 3 fungicides.

#### RESISTANCE MANAGEMENT

COMPONENT A contains tetraconazole, a Group 3 fungicide (sterol biosynthesis inhibitors), and is effective against labeled pathogens resistant to fungicides with modes of action different from those of target site Group 3, such as dicarboximides, strobilurins, benzimidazoles, or phenylamides. However, fungal isolates resistant to Group 3 fungicides may eventually dominate the fungal population if Group 3 fungicides are used predominantly and repeatedly in the same field in successive years as the primary method of control for the targeted pathogen species, especially if resistance to Group 3 fungicides is already present in the pathogen population. This may result in reduced disease control by Group 3 fungicides. To maintain the performance of COMPONENT A in the field, do not exceed the total number of sequential applications of and the total number

of applications of COMPONENT A per year stated in "CROP USE RATES AND TIMING OF APPLICATIONS". Adhere to the label instructions regarding the consecutive use of COMPONENT A or other target site of action Group 3 fungicides that have a similar site of action on the same pathogens. Consider the following to delay the development of fungicide resistance:

- 1. **Tank mixtures:** If COMPONENT A is used in tank mixtures with fungicides from different mode of action Groups that are registered for the same use and that are effective against the pathogens of concern, use at least the minimum labeled rates of each fungicide in the tank mix.
- 2. IPM: Integrate COMPONENT A into an overall disease and pest management program. Follow cultural practices known to reduce disease development. Consult your local extension specialist, certified crop advisor and/or Arysta representative for additional IPM strategies established for your area. Use COMPONENT A in Agricultural Extension advisory (disease forecasting) programs, which recommend application timing based on environmental factors favorable for disease development.
- **3. Monitoring:** Monitor efficacy of all fungicides used in the disease management program against the targeted pathogen and record other factors that may influence fungicide performance and/or disease development.
- **4. Reporting:** If a Group 3 target site fungicide appears to be less or no longer effective against a pathogen that it previously controlled or suppressed, contact your Arysta representative, local extension specialist, or certified crop advisor to assist in determining the cause of reduced performance.

#### **RAINFASTNESS**

Do not apply if rain is expected within 2 hours of application or disease control may be reduced. Do not apply during rain. Reapplication is not necessary if the spray has dried before rain begins.

#### STRESSED PLANTS

Plants must be actively growing at the time of foliar applications. Applications made to plants that are stressed by extreme heat, cold, moisture, or nutrient deficiency can be less effective.

#### JAR TEST TO DETERMINE COMPATIBILITY OF COMPONENT A

Perform a jar test before mixing commercial quantities of COMPONENT A when using COMPONENT A for the first time, or when a new water source is being used.

- 1. Add 1 pt. of the water to a quart jar. Use water from the same source and temperature as which will be used in the spray tank mixing operation.
- 2. Add 1 ml of COMPONENT A to the quart jar; gently mix until product goes into suspension.
- 3. Place cap on jar, invert 10 times, let stand for 15 minutes, evaluate.
- 4. An idea tank-mix combination will be uniform and free of suspended particles.

#### SPRAYER PREPARATION

Before applying this product, start with clean, well maintained application equipment. The spray tank, as well as all hoses and booms, must be cleaned to ensure no residue from the previous spraying operation remains in the sprayer. The spray equipment must be cleaned according to the manufacturer's directions for the last product used before the equipment is used for applying this product. If two or more products were tank mixed prior to application, follow the most restrictive cleanup procedure.

#### **SPRAY DRIFT MANAGEMENT**

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 of these factors when making decisions. Where states have more stringent regulations, observe them.

Do not apply this product when weather conditions favor spray drift from treated areas. When applying by air, observe drift management restrictions and precautions listed under "AERIAL APPLICATION".

#### MIXING INSTRUCTIONS

- 1. Fill clean spray tank 1/2 to 2/3 of desired level with clean water.
- 2. Add the required amount of COMPONENT B. Agitate until dissolved and avoid excessive foaming. While agitating, slowly add COMPONENT A to the spray tank. Agitation should create a rippling or rolling action on the water surface.

- 3. If tank-mixing this product with other labeled pesticides, add water soluble bags first, followed by dry formulations. Flowables emulsifiable concentrates and then solutions.
- 4. Fill spray tank to desired level with water. Agitation should continue until all spray solution has been applied.
- 5. Mix only the amount of spray solution that can be applied the day of mixing. This product should be applied within 24 hours of mixing.
- 6. When tank mixing this product with other pesticides observe the more restrictive label limitations and precautions. No label dosage rates should be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing.
- 7. Do not combine this product in a sprayer tank with pesticides or fertilizers, unless your prior use has shown the combination to be physically compatible, effective and noninjurious under your conditions of use

## Opened packages of COMPONENT B must be used within 3 weeks. Carefully reseal the opened packages to minimize exposure to air and moisture.

**Glyphosate Herbicides:** When tank mixing this product with glyphosate for application on crops designated Roundup Ready<sup>®</sup>, only use formulations of glyphosate herbicide that are fully labeled for use on Roundup Ready crops. Never spray this mixture on crops that are not designated Roundup Ready as severe injury or death of the crop can occur. Some glyphosate formulations allow for the addition of surfactants. Please refer to the surfactant recommendations from the manufacturer.

#### **DILUTION WATER QUANTITY**

If 1 ounce of this product is to be diluted in more than 35 gallons of chlorinated water (e.g., municipal water), add a labeled water treatment product to remove excess chlorine before adding either component. Consult your Arysta LifeScience North America, LLC representative if you need further directions on water treatment.

#### **APPLICATION EQUIPMENT**

Application equipment must be clean and in good condition. Frequently check nozzles for accuracy.

#### SPRAYER CLEANUP

Clean spray equipment each day following application of this product. After this product is applied, use the following steps to clean the spray equipment:

- 1. Completely drain the spray tank, rinse the sprayer thoroughly including the inside and outside of the tank and all in-line screens.
- 2. Fill the spray tank with clean water and flush all hoses, booms, screens and nozzles.
- 3. Drain tank completely.
- 4. Remove all nozzles and screens and rinse them in clean water.

Thoroughly clean spray equipment, including all tanks, hoses, booms, screens and nozzles, before it is used to apply foliar pesticides.

#### **AERIAL APPLICATION**

To avoid drift, apply the largest droplet size possible that will provide uniform coverage and result in satisfactory disease control. To obtain satisfactory application and avoid drift, the following directions must be observed:

**Do not** apply during low-level inversion conditions, when winds are gusty or under other conditions that favor drift. Application should be avoided when wind velocity is less than 2 mph and more than 15 mph.

## Carrier Volume and Spray Pressure:

- For aerial application use a minimum of 2 gallons per acre for all diseases except rust and white mold/Sclerotinia stem rot of soybeans for which a minimum of 5 gallons per acre must be used. Increasing the spray volume to 7 gallons or more per acre generally provides better coverage and more consistent disease control.
- 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.
- Nozzle Selection and Orientation: Minimize formation of very small drops by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray pressure. Use nozzles that produce flat or hollow cone spray patterns. Use non-drip type nozzles, such as diaphragm type nozzles, to avoid unwanted discharge of spray solution. The nozzles must be directed toward the rear

of the aircraft, at an angle between 0 and 15° downward. **Do not** place nozzles on the outer 25% of the wings or rotors.

#### CHEMIGATION INSTRUCTIONS:

Apply this product only through one or more of the following types of systems: sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set or hand move irrigation system. Do not apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

If you have questions about calibration, contact State Extension Service specialists, equipment manufacturers, or other irrigation experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

## Requirements for Chemigation Systems Connected to Public Water Systems

- Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
- Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back flow preventor (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the flow outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve
  located on the intake side of the injection pump and connected to the system interlock to prevent fluid
  from being withdrawn from the supply tank when the irrigation system is either automatically or
  manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump), effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- Do not apply when wind speed favor drift beyond the area intended for treatment.

When mixing, fill nurse tank half full with water. Add COMPONENT A and COMPONENT B slowly to tank while hydraulic or mechanical agitation is operating and continue filling with water. Stickers, spreaders, etc., should be added last. If compatibility is in question, use the compatibility jar test before mixing a whole tank. Because of the wide variety of possible combinations which can be encountered, observe all cautions and limitations on the label of all products used in mixtures.

This product should be added through a traveling irrigation system continuously or at the last 30 minutes of solid set or hand moved irrigation systems. Agitation is recommended.

### **Sprinkler Chemigation:**

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being

withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

When mixing, fill nurse tank half full with water. Add this product slowly to tank while hydraulic or mechanical agitation is operating and continue filling with water. Stickers, spreaders, etc., should be added last. If compatibility is in question, use the compatibility jar test before mixing a whole tank. Because of the wide variety of possible combinations which can be encountered, observe all cautions and limitations on the label of all products used in mixtures.

This product should be added through a traveling irrigation system continuously or at the last 30 minutes of solid set or hand moved irrigation systems. Agitation is recommended.

#### **ROTATIONAL CROP RESTRICTIONS**

There are no time interval restrictions for peanut, pecan, soybean and sugarbeet. For other crops use the time intervals listed in the Rotational Crop Guideline table to determine the minimum required time interval between the last application and new crop planting.

Rotational Crop Guideline		
Crop	Time Interval in Days Before Planting	
Small Grains (barley, buckwheat, millet, oats, rice, rye, triticale and wheat)	45	
Sugarcane	45	
All Other Crops	120	

#### **CROP APPLICATION INSTRUCTIONS**

#### **CROPS AND APPLICATION RATES**

Use the following tables to make decisions on application rates and timing. Follow applicable specifications for your crop.

Field Corn, Popcorn, Corn Grown For Seed Production					
Disease	Dosage Rate		When to Apply	Use Instructions	
	FI Oz/A	GPA			
Gray leaf spot (Cercospora zeae-maydis) Rust, common (Puccinia sorghi) Rust, southern (Puccinia polysora) Anthracnose leaf blight (Colletotrichum graminicola) Eye spot (Aureobasidium zeae) Northern corn leaf blight (Exserohilum turcicum)	3.3-6.6 (0.045- 0.090 lb. ai./A) Of Component	Ground: Minimum of 10 GPA	Early Application (V4 to V8)  Apply between 2 leaf stage and mid-bloom  VT to R3 Application Apply prior to disease onset when	This product may be applied for early season disease control and [improved plant health] [beneficial physiological effects]. If mixing with herbicides other than solo glyphosate products, Halex <sup>TM</sup> GT, Callisto®, Ignite®, Laudis®, Lexar®, Lumax®, Status or Resolve® Q, consult your local Arysta LifeScience representative. If disease pressure develops later in the season, an application of an alternate corn fungicide should be made at VT to R3 to provide season-long control.  Use this product as part of an integrated pest management program (IPM).	
Northern corn leaf spot (Bipolaris zeicola) Physoderma brown spot (Physoderma maydis) Southern corn leaf blight (Bipolaris maydis) Yellow leaf blight (Phyllosticta maydis)	A PLUS 0.5-9 oz of Component B	Aerial: Minimum of 2 GPA	conditions favor disease development.  A second application may be made no fewer than 7 days later as long as the maximum per acre per year rate (6.6 fl oz) of Component A is not exceeded.  Curative applications are most effective when disease incidence does not exceed 5% of the plants at time of application.	Apply as a foliar spray or via chemigation in sufficient water to obtain thorough coverage of plants.  To limit the potential for resistance development for tetraconazole, do not apply more than 6.6 fl oz of Component A per acre per year.	

#### **RESTRICTIONS AND LIMITATIONS**

- 1. Do not make more than two (2) applications per year.
- 2. Do not apply more than 6.6 fl oz (0.090 lb ai tetraconazole) of COMPONENT A per acre per year.
- 3. Do not apply this product after corn growth stage R3 (brown silk/milk).
- 4. Do not use adjuvants in sprays made between V8 (8 leaf collar) and VT (lowest branch of the tassel visible but silks have not emerged) growth stage. A compatibility agent, another fungicide, or an insecticide may be included if needed and labeled for use in corn. Refer to adjuvant product label for specific use directions and restrictions. Always follow the more restrictive label.

Soybean				
Disease	Dosage I		When to Apply	Use Instructions
	FI Oz/A	GPA		
Asian Soybean Rust ( <i>Phakopsora</i> pachyrhizi)		Ground: Minimum of 10 GPA	Apply prior to disease development when rust infections are likely to occur.  If necessary repeat with a second application before growth stage R6.  Curative applications are most effective when disease incidence does not exceed 5% of the soybean plants at time of application.	Use this product as part of an integrated pest management program (IPM).  Apply as a foliar spray or via chemigation in sufficient water to obtain thorough coverage of soybeans.
Cercospora Blight (Cercospora kikuchii) Purple Seed Stain (Cercospora kikuchii) Frogeye Leaf Spot (Cercospora sojina) White Mold/Sclerotinia Stem Rot (Sclerotinia sclerotiorum) Powdery Mildew (Microsphaera diffusa) Brown Spot (Septoria	4.4-5.5 (0.060-0.075 lb ai/A) COMPONENT A PLUS 1-2 oz of Component B	Aerial:  Minimum of 2 GPA  (5 GPA for White Mold and Asian Soybean Rust)	Make application at soybean growth stage R3 (early pod fill) or when conditions are favorable for disease development. Repeat application 15 to 21 days after first application if disease pressure is heavy.  Under severe disease conditions the higher rate and shorter spray intervals should be used.	
glycines) Anthracnose (Colletotrichum spp.)				

## **RESTRICTIONS AND LIMITATIONS**

- Do not make more than two (2) applications per year.
   Do not apply more than 11 fl oz (0.150 lb ai tetraconazole) of COMPONENT A per acre per year.
- 3. **Do not** graze or feed treated forage or hay to livestock.
- 4. **Do not** apply this product after soybean growth stage R5 (beginning seed).
- 5. **Do not** harvest immature soybeans for consumption once plants are treated with this product.
- 6. **Do not** use on vegetable soybean varieties grown for their immature pods.

## **Warranty and Disclaimer Statement**

The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of Arysta LifeScience North America, LLC, and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer. Arysta LifeScience North America, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions.

This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to Arysta LifeScience North America, LLC, and is subject to the inherent risks described above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA LIFESCIENCE NORTH AMERICA, LLC DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA LIFESCIENCE NORTH AMERICA, LLC, MANUFACTURER, AND SELLER DISCLAIM AND SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE, OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES, AND THE USER AND BUYER WAIVE ANY RIGHT THAT THEY MAY HAVE TO SUCH DAMAGES. NO AGENT, REPRESENTATIVE OR EMPLOYEE OF ARYSTA LIFESCIENCE NORTH AMERICA, LLC IS AUTHORIZED TO MAKE ANY WARRANTY, GUARANTEE OR REPRESENTATION BEYOND THOSE CONTAINED HEREIN OR TO MODIFY THE WARRANTIES CONTAINED HEREIN.

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Laredo

Roundup Ready is a registered trademark of Monsanto

Halex GT

Callisto

Lexar

Lumas

Status

Resolve Q

Zolera with aBpro CO-PACK (PENDING) 02/04/14, resubmitted 03/19/14, resubmitted 10/02/14, resub 10/20/14, resub 10/23/14, resub 10/27/14

## COMPONENT A OF Zolera with aBpro

For control and/or suppression of certain diseases in soybean & corn

**Active Ingredient:** 

Tetraconazole*	18.83%
Other Ingredients:	<u>81.17%</u>
Total:	100.0%

\*1-[2-(2,4-dichlorophenyl)-3-(1,1,2,2,-tetraflurorethoxy)propyl]1H-1,2,4-triazole

A micro emulsion containing 1.75 pounds of tetraconazole per gallon.

## KEEP OUT OF REACH OF CHILDREN

## **CAUTION**

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.)

EPA Reg. No. 66330-xxx......EPA EST. No.

**Net Weight:** 

Produced for: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150 Cary, NC 27513 AD062813

**Net Contents** 

For Product Information Call: 1-866 - 761 - 9397

## PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### **CAUTION**

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

#### **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.

#### **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 regulation.

The complete outer package label must be in the possession of the user at the time of application. Use of Component A and Component B must be consistent with the outer package label. **DO NOT** use Components separately.

Read entire co-pack label for complete use instructions.

## STORAGE AND DISPOSAL

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

#### PESTICIDE STORAGE

Keep product away from exposure to air, sunlight, moisture, or heat. Do not store in temperatures over 110°F for more than 7 days.

#### PESTICIDE DISPOSAL

Wastes resulting from use of this product must be disposed of on site or at an approved waste disposal facility.

#### **CONTAINER HANDLING**

#### For rigid, non-refillable containers (2.5 to 5 gallons):

Nonrefillable container. Do not reuse or refill this container. Clean container 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 one-fourth 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. Then offer for recycling, if available 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 resulting smoke.

For rigid, non-refillable containers that are too large to shake (with capacities greater than5 gallons): Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container one-fourth full with water. Replace and tighten closures. Tip container on its side and roll it 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, if available 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 resulting smoke.

#### PRESSURE RINSE PROCEDURE (all sizes):

Pressure rinse as follows: Empty the remaining contents into application equipment or a tank mix and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

#### For rigid, refillable containers:

Refillable container. Refill this container with pesticide 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.

#### Not for individual sale or use.

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COMPONENT A (MASTER SUB) 06/28/13, RESUBMITTED 08/22/14, RESUBMITTED 10/02/14, resub 10/20/14, resub 10/23/14, resub 10/27/14

## COMPONENT B OF Zolera with aBpro

For control and/or suppression of certain diseases in soybean & corn Wettable Dry Granule

#### **ACTIVE INGREDIENT:**

Harpinαβ Protein:	1.0%
OTHER INGREDIENTS:	<u>99.0%</u>
Total:	100.0%

# KEEP OUT OF REACH OF CHILDREN CAUTION / PRECAUCIÓN

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.)

EPA Reg. No. 66330-xxx

**EPA EST. No.** 

**Net Weight:** 

Produced for: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150 Cary, NC 27513 ADXXXXXXX Net Contents

For Product Information Call: 1-866 - 761 - 9397

## PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION.

Harmful if inhaled. Avoid breathing dust or spray mist. Remove and wash contaminated clothing before reuse.

#### **USER SAFETY RECOMMENDATIONS**

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

## **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 State or Tribal agency responsible for pesticide regulation.

The complete outer package label must be in the possession of the user at the time of application. Use of Component A and Component B must be consistent with the outer package label. **DO NOT** use Components separately.

Read entire co-pack label for complete use instructions.

### STORAGE AND DISPOSAL

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

#### **PESTICIDE STORAGE**

Keep product away from exposure to air, sunlight, moisture, or heat. Do not store in temperatures over 110°F for more than 7 days. Use product within 3 weeks of opening and the same day as mixing.

#### PESTICIDE DISPOSAL

Wastes resulting from use of this product must be disposed of on site or at an approved waste disposal facility.

## **CONTAINER HANDLING**

Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Not for individual sale or use.

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ARY-0943-001 COMPONENT B (MASTER SUB) resub 08/22/14, resubmitted 10/02/14, resub 10/20/14, resub 10/23/14, resub 10/27/14