

64922-1

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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9/19/2014

Ann Tillman
Asahi Chemical Manufacturing Company, Ltd.
c/o Pyxis regulatory Consulting, Inc.
4110 136th Street, NW
Gig Harbor, WA 98332

SEP 19 2014

Subject: Asahi Chemical Manufacturing Company, Atonik™, EPA Registration No. 64922-1; Amendment with Data to Add New (Food) Uses and Chemigation Directions, B680; D# 490171, Application Dated 4/11/14, PRIA Date 10/2/14

Dear Ms. Tillman:

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(5), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit two (2) copies of your final printed labeling before you release the product for shipment. Final printed labeling means the label or labeling of the product when distributed or sold. Clearly legible reproductions or photo reductions will be accepted for unusual labels, such as those silk-screened directly onto glass or metal containers or large bags or drum labels.

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

If you have any questions contact Chris Pfeifer at 703-308-0031 or by email at: pfeifer.chris@epa.gov.

Sincerely,

Linda A. Hollis, Branch Chief
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)

Enclosure

CONCURRENCES

SYMBOL	7511P							
SURNAME	Pfeifer							
DATE	9/18/14							

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ATONIK™

- PLANT GROWTH STIMULATOR
- PROTEIN ENHANCER

- ATONIK INCREASES THE INTAKE OF NUTRIENTS THAT ARE NECESSARY FOR PLANT GROWTH RESULTING IN IMPROVED YIELD
- ATONIK PROTEIN ENHANCER INCREASES THE UTILIZATION OF PROTEINS THAT ARE NECESSARY FOR PLANT GROWTH
- ATONIK PROTEIN ENHANCER INCREASES THE SYNTHESIS OF PROTEINS THAT ARE NECESSARY FOR PLANT GROWTH RESULTING IN IMPROVED YIELD

ACCEPTED

ACTIVE INGREDIENTS:

Sodium p-nitrophenolate.....0.30%
 Sodium o-nitrophenolate.....0.20%
 Sodium 5-nitroguaiacolate.....0.10%

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Under the Federal Insecticide, Fungicide,
 and Rodenticide Act, as amended, for
 the pesticide registered under
 EPA Reg. No. 64922-1

OTHER INGREDIENTS:.....99.40%
 TOTAL:.....100.00%

This product contains 0.03 lbs. of sodium p-nitrophenolate, 0.02 lbs. of sodium o-nitrophenolate, and 0.01 lb. of sodium 5-nitroguaiacolate per gallon.

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing the eye. • Call a poison control center or doctor for treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency medical treatment information, contact ProSAR at 1-888-271-4501 24 hours a day, 7 days a week.</p>	

See back panel for additional precautionary labeling.
 Always read and follow label directions.

NET CONTENTS:

Batch No.:

Manufactured By:

ASAHI CHEMICAL MANUFACTURING CO., LTD.
 500 TAKAYASU, IKARUGA-CHO, IKOMA-GUN
 NARA PERFACTURE, JAPAN

EPA Reg. No. 64922-1
 EPA Est. No. 64922-JP-1

Patent No. 6,770,598 to LTA Resources Management
 Atonik is the trademark of Asahi Chemical Manufacturing Co., Ltd.

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

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

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers who may be exposed to the diluted solution through application or other tasks must wear a long sleeved shirt and long pants, and shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separate from other laundry.

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.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate. 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 Pollution Discharge Elimination System [NPDES] permit and permitting authority has been notified 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 local State Water Board or Regional Office of the EPA.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and green houses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to 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 12 hours.

PPE required for early entry to treated area 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
- waterproof gloves
- shoes plus socks

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 requirement specific to your State or Tribe, consult the State/Tribal agency responsible for pesticide regulation.

Atonik™ is rain-fast as soon as it dries on the leaf.

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CHEMIGATION INSTRUCTIONS

Uniform Water Distribution and System Calibration

The irrigation system must provide uniform distribution of treated water. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. The system must be calibrated to uniformly apply the rates specified. If you have questions about calibration, contact State Extension Service specialists, equipment manufacturers or other experts.

Chemigation Monitoring

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.

Drift

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

Required System Safety Devices

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 also contain a functional, normally closed, solenoid-operated valve located in 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.

Using Water from 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 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 preventer (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 outlet end of the fill pipe and 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. 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 withdraw 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.

APPLICATION

For best results, apply directly to the foliage.

COTTON:

Apply Atonik™ at five to ten (5-10) ounces per acre up to two (2) applications per growing season during active bloom to boll fill. For ground application, use 5-10 gallons of water/acre, and for aerial application, use 3-5 gallons/acre.

RICE

Apply Atonik™ twice during the rice growing season. For ground applications, make application with the addition of a non-ionic surfactant (following its label instructions) in 40-60 gallons of water applied with maximum foliar coverage. For aerial application, make application with the addition of a non-ionic surfactant (following its label instructions) in 3-10 gallons of water applied with maximum foliar coverage.

Apply Atonik™ at the rate of 6-8 fl. oz./acre at the beginning of panicle initiation, with a second application of 6-8 fl. oz./acre at post anthesis. Use the higher rates with greater than normal foliage.

CORN

Apply Atonik™ twice during the growing season. For ground applications, make application with the addition of a non-ionic surfactant (following its label instructions) in 5-10 gallons of water applied with maximum foliar coverage. For aerial application, make application with the addition of a non-ionic surfactant (following its label instructions) in 3-5 gallons of water applied with maximum foliar coverage.

Apply Atonik™ at the rate of 5-10 fl. oz./acre at the V4-V7 stage, with a second application of 5-10 fl. oz./acre at the V10 stage (10 days post-tassel). Use the higher rates with greater than normal foliage.

BARLEY, BUCKWHEAT, PEARL MILLET, PROSO MILLET, OATS, POPCORN, RYE, SORGHUM, TEOSINATE, TRITICALE, WHEAT, WILD RICE.

Apply Atonik™ twice during the growing season. For ground applications, make application with the addition of a non-ionic surfactant (following its label instructions) in 40-60 gallons of water applied with maximum foliar coverage. For aerial application, make application with the addition of a non-ionic surfactant (following its label instructions) in 3-10 gallons of water applied with maximum foliar coverage.

Apply Atonik™ at the rate of 5-10 fl. oz./acre at the early to mid-vegetative stage, with a second application of 5-10 fl. oz./acre at the early to mid-reproductive stage. Use the higher rates with greater than normal foliage.

SOYBEANS

Apply Atonik™ at five to ten (5-10) ounces per acre up to two (2) applications per growing season during V3 to R3 developmental stages. For ground application use 5-10 gallons of water/acre, and for aerial application, use 3-5 gallons/acre.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in cool place out of direct sunlight. Keep from freezing.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. 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 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 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.

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CONDITIONS OF SALE AND WARRANTY

SELLERS OFFER THIS PRODUCT AND THE BUYER ACCEPTS THIS PRODUCT UNDER THE FOLLOWING AGREED CONDITIONS OF SALE AND WARRANTY

The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to take into account all the variables and to eliminate risks associated with its use. Injury or damage may result because of conditions which are beyond the control of the SELLER. SELLER warrants that this product conforms to the chemical description on the label and is believed to be reasonably fit for the purpose referred to in the DIRECTIONS FOR USE when used as directed under normal conditions. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SELLER MAKES NO OTHER EXPRESSED OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESSED OR IMPLIED WARRANTY. To the fullest extent permitted by law, the SELLER shall not be liable for consequential, special or indirect damages resulting from the use or handling of the product. Any variation or exception from this warranty must be in writing and signed by an authorized representative of the SELLER.

[EPA approval date]