

WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

August 16, 2012

Agriculture Sciences, Inc. 3227 Garden Brook Dallas, Texas 75234 Attn: Derek Little

Subject: Notification to add a new package size per PR Notice 98-10.

Product Brand Name: SINCOCIN

New package size: 1.35 gallons/5.4 fl. quarts

EPA Reg. No: 59174-2

Your Submission Dated August 2, 2012.

Dear Mr. Little:

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under Pesticide Registration Notice (PRN) 98-10 dated above. A screen of this request has been conducted for its applicability under PRN 98-10, and it has been determined that the action(s) requested falls within the scope of this Notice. Our records have been duly noted, and the label submitted with this application has been stamped "Notification Accepted" and will be placed accordingly in our records.

Three (3) copies of final printed labeling must be submitted to the Agency before your product as modified, may be sold or distributed [PR Notice 82-2 and 40 CFR 156.10(a) (6)].

If you have any questions regarding this action, you may contact Mr. Sylvester George at (703) 603-0688 or via e-mail at george.sylvester@epa.gov.

Sincerely,

Linda A. Hollis

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

EPA	Environmental	ed States Protection ton, DC 20460		Registr Amend	ation	Approval expires 05-31-98 OPP Identifier Number
		Application	for Pesticide - Secti	on I		A TOLL TOLL
1. Company/Product Numbe			2. EPA Product Ma	nager	3. P	Proposed Classification
59174-2 4. Company/Produ Sincocin	ct (Name)		PM#			None Restricted
5. Name and Address of App Agriculture Sciences, In		de)		w. In accordance videntical in composi		A Section $3(c)(3)(b)(1)$, my abeling to:
3227 Garden Brook Dallas, TX 75234			EPA Reg. No. Product Name	No	tificat	ion Accepted
Check if thi	s is a new address			Date	: 81	6/2012
			Section II	Devi		Salvester George
Amendment - Explain be Resubmission in respon Notification - Explain be Explanation: Use additional and Addition of a new package size.	se to Agency letter datelow.	For section I and	"Me Too" App Other - Explain	lication		ttèr dated XX-XX-XX
			Section III			
1. Material This Product Will	Be Packaged In:					
Child-Resistant Packaging Yes* No	Unit Packaging Yes No If "Yes" Unit Packaging wgt.	No. per Container	Water Soluble Packaging Yes No If "Yes" Package wgt. No. 1	per	of Contain Metal Plastic Glass	ner
*Certification must be submitted					Paper Other (Spe	ecify) Plastic Bag
3. Location of Net Contents Label	Information Container	4. Size(s) Reta	ail Container	5. Location of On Car	1	ections mpanying product
6. Manner in Which Label is	Affixed to Product	Lithograph Paper glue Stenciled				
Contact Point (Complete in the complete i	tems directly below for	identification of	individual to be contacted, if ne	ecessary, to process	this applie	cation.)
Name Dere	k Little	Title	Marketing Directo		Falaphone	No. (Include Area Code) 972-243-8930
			tion achments thereto are true, ac may be punishable by fine or i	curate and complete		6. Date Application Received (Stamped)
2. Signature BY: A wek	Little	3.	Title Marketing	Marketing Director		
4. Typed Name: Derek Little 5. (Date: August 2, 2012			



August 2, 2012

Menyon Adams
Biopesticides and Pollution Prevention Division (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202

Subject: Label Notification for Sincocin (EPA Reg. No. 59174-2)

Dear Ms. Adams:

Agriculture Sciences, Inc. (AgSci, EPA Company Number 59174) is submitting a notification pursuant to PR Notice 98-10 to add a package size to the product Sincocin (EPA Registration Number 59174-2). Please find enclosed the following documentation in support of this submission:

- EPA Application Form 8570-1; and
- Updated label (one with the change highlighted in yellow and two without the highlight).

We have not submitted a CSF as this document has not changed. No other changes have been made to the enclosed label verses the last EPA stamped approved label and notification label.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

If you have any questions regarding this submission, please do not hesitate to contact me at 972-243-8930.

Sincerely,

Derek Little President

Enclosure

Notification	Acce	pted
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Date: 8/16/201.

Reviewer:

SINCOCIN®

A BIOLOGICALLY DERIVED AGENT FOR SUPPRESSION OF NEMATODES AND ASSOCIATED PATHOGENS

Ingr	edients	
Acti	ve Ingredient:	
Plar	nt Extract*	0.56%
Oth	er Ingredient:	99.44%
Tota	al	100.00%
*The plant e	extract is derived from Quercus falcata	a, Opuntia lindheimeri,
R	hus aromatica, and Rhizophoria man	ngle tissues.

Keep out of reach of children

CAUTION

Manufactured by Agriculture Sciences, Inc. 3227 Garden Brook Dallas TX 75234

EPA Reg. No. 59174-2 EPA Est. No. 59174-TX-1 1-972-243-8930

Net	Contents:	

Sincocin Agricultural/Commercial Use Sublabel.

This label contains application rates specific to

32 fl. oz., 1 gallon, 5 fl. quart, 5.4 fl. quart, 2.5, 5, 30, 55, and 275 gallon containers.

SINCOCIN®

A BIOLOGICALLY DERIVED AGENT FOR SUPPRESSION OF NEMATODES
AND ASSOCIATED PATHOGENS

Ingredients

Active Ingredient:

*The plant extract is derived from Quercus falcata, Opuntia lindheimeri, Rhus aromatica, and Rhizophoria mangle tissues.

Keep out of reach of children

CAUTION

Manufactured by Agriculture Sciences, Inc. 3227 Garden Brook Dallas TX 75234

EPA Reg. No. 59174-2 EPA Est. No. 59174-TX-1 1-972-243-8930

See Side Panel for First Aid

CHEMIGATION: Refer to supplemental labeling entitled "Attachment" for use directions for chemigation. Do not apply this product through any irrigation system unless the supplemental labeling on chemigation is followed.

Use the product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. Refer to supplemental labeling entitled AGRICULTURAL USE REQUIREMENTS in the DIRECTIONS FOR USE section of the labeling for information about this standard.

SINCOCIN^O

Sincocin reduces the feeding vigor of plant parasitic nematode species. Sincocin also improves the a plant's ability to withstand a variety of environmental stresses.

SEE ATTACHMENT FOR Directions for use

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling.

FIRST AID

If on skin:

- -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.

"For emergency information, call 1-800-274-8930, Monday through Friday, 9 a.m. to 5 p.m. After 5 p.m. (central time) call your poison control center." Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

Long-sleeved shirt and long pants Waterproof gloves Shoes plus socks

Follow the 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.

USER SAFETY RECOMMENDATIONS

Users should:

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

ENVIRONMENTAL HAZARDS

For Terrestrial use. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of each equipment washwater or rinsate.

EPA REG. No 59174-2

SINCOCIN

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 are allowed to 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.

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 in this labeling 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.

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

Waterproof gloves

Shoes plus socks.

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forest, nurseries, or greenhouses.

Keep unprotected persons out of treated areas until sprays have dried.

USES

Use Sincocin on all food and feed crops, consistent with the use directions and restrictions stated below. Also, use Sincocin for horticultural applications, as noted below.

Sincocin is effective in reducing the rate of infection by nematodes and thereby secondary infections by plant parasitic fungi. When it is known or suspected that plants may have already been infected, the use of a systemic fungicide or nematicide may be necessary, followed by the use of Sincocin to prevent further infection.

EQUIPMENT AND MIXING

Apply Sincocin via boom, fan jet, hand - carried, or backpack spray equipment. Apply through drip and overhead irrigation systems. Follow all chemigation directions below. Shake well before using. Agitate solutions either during or immediately after dilution. Research has indicated that the use of a wetting agent such as T-Mate® helps to ensure distribution and retention of Sincocin in the root zone. Apply solution within eight hours of mixing. Dilute Sincocin in water as specified in the table below:

Application Site	Treatment . Area	Water (min)*
Permanent plants	5,000 sq. ft.	0.5 gal
(food crops, row crops Orchards, Vineyards, Golf course and other	1 acr	5 gal
recreational turf, ornamental plant)	10 acres	50 gal
	5,000 sq. ft.	0.6 gal
90 to 180 day growth cycle plants Food and Row Crops, ornamental plants	1 acre	5 gal
	10 acres	50 gal

*The table specifies the minimum amount of water to be used; Dilute Sincocin in a larger volume of water if desired. The amount of water used will vary according to equipment, type of nozzle used, number of nozzles, ground speed' system pressure and calibration. If soil is covered with plant material, mulch, or thatch, use sufficient water to transport it to the soil during application or lightly irrigate after application.

APPLICATION INSTRUCTIONS

Application Site	Plant Stage	Rate
Golf course and other recreational turf, Ornamental Plants Maximum allowed per year: 18 oz. per 1,000 sq. ft.	First Root Flush (Spring) 14 D.A.I.T.* 28 D.A.I.T.* Early Fall 14 D.A.I.T.* 28 D.A.I.T.*	3 fl. oz. per 1,000 sq. ft.
Permanent Plants Food crops, Row Crops, Orchards, Vineyards Maximum allowed per year:	First Root Flush (Spring) 30 D.A.I.T.* 60 D.A.I.T.*	1 quart per acree
4.5 quarts (144 fl. oz.) per acre.	120 D.A.I.T.*	1.5 quarts per acre
Annual Plants Food and Row Crops, Ornamental	At Planting**	2.5 quarts
Plants	30 D.A.I.T.***	1 quart
Maximum allowed per year: 4.5 quarts (144 fl. oz.) per acre	60 D.A.I.T.***	1 quart

^{*}Days After Initial Treatment ** Days After Planting

^{***} Apply the material as a low volume (5-20 gallons/acre) application to the planting holes just prior to or at planting.

CHEMIGATION OF SINCOCIN

General Information

Apply this product only through drip (trickle) or sprinkler, including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation systems. 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, you should contact State Extension Service Specialists, equipment manufacturers or other 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.

MIXING AND APPLICATION

The following instructions apply to all chemigation methods discussed on this labeling. Determine the number of acres to be treated by the chemigation system. Prepare a premix by adding the recommended volume of SINCOCIN from the table above and a minimum of one gallon of water for each acre to be treated into a reservoir container.

The use of larger quantities of water to dilute the premix may make calibration of the application easier. Meter the premix into the chemigation system at a rate that will consume the entire premix within the period of chemigation or within 8 hours, whichever is less. Maintain agitation in the reservoir during the period of chemigation to keep material in suspension. Apply the product during the last 1-2 hours of the irrigation cycle and ensure that all the product is delivered to the root zone.

OBSERVE THE FOLLOWING PRECAUTIONS IF YOUR CHEMIGATION SYSTEM IS CONNECTED TO A PUBLIC WATER SYSTEM

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 a year.

Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow 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 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, a 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 the 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 favors drift beyond the area intended for treatment.

STATEMENTS CONCERNING THE OPERATION OF SPRINKLER CHEMIGATION; UTILIZING A PRESSURIZED WATER AND PESTICIDE INJECTION SYSTEM.

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 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.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original container only.

Pesticide Disposal: Dispose of wastes resulting from the use of this product on site or at

an approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning.

or puncture and dispose of in a sanitary landfill, or by incinerating, or, if allowed by state and local authorities, by burning. If burned, stay out

of smoke.

WARRANTY

Manufacturer warrants that this product conforms to the original formulation and is fit for use as directed. To the fullest extent allowed by law, neither Manufacturer nor seller shall be liable for any injury, loss or damage direct or indirect arising from the misuse of the product. Agriculture, sciences, Inc. and its various seller only obligation shall be to replace such quantity of the product that is proven defective before purchase.

Household Use Sublabel

This label contains application rates specific to 8 fl. oz., 32 fl. oz., 1 gallon, containers.

SINCOCIN®

A BIOLOGICALLY DERIVED AGENT FOR SUPPRESSION OF NEMATODES AND ASSOCIATED PATHOGENS

For Residential Use Only

Ingredients	
Active Ingredient:	
Plant Extract*	0.56%
Other Ingredient:	99.44%
Total	100.00%
*The plant extract is derived from Quercus falcata, C Rhus aromatica, and Rhizophoria mangle tissues.	Dpuntia lindheimeri

Keep out of reach of children **CAUTION**

See Side Panel for First Aid

Manufactured by		
Agriculture Sciences, Inc.	EPA Reg. No. 59174:2	ີ່ ຜ
3227 Garden Brook	EPA Est. No. 59174-TX-1	ا . ا
Dallas TX 75234	1-972-243-8930	·
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SINCOCIN^D

Sincocin is effective in reducing the rate of infection by nematodes. When it is known or suspected that plants may have already been infected, the use of a systemic fungicide or nematicide may be necessary, followed by the use of Sincocin to prevent further infection.

See attachment for DIRECTIONS for USE

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION Avoid contact with skin or clothing. wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

FIRST AID

If on skin:

- -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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-274-8930 for emergency medical information.

"For emergency information, call 1-800-274-8930, Monday through Friday, 9 a.m. to 5 p.m. After 5 p.m. call your poison control center."

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet
- Remove clothing immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters or disposing of equipment washwaters or rinsate.

WARRANTY.

Manufacturer warrants that this product conforms to the original formulation and is fit for use as directed. To the fullest extent allowed by law, neither Manufacturer nor seller shall be liable for any injury, loss or damage direct or indirect arising from the misuse of the product. Agriculture Sciences, Inc. and its various seller only obligation shall be to replace such quantity of the product that is proven defective before purchase.

Attachment

EPA Reg. No. 59174-2

SINCOCIN

DIRECTIONS FOR USE

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

Keep children and pets out of the treated area until sprays have dried.

USES

Use Sincocin on all food and feed crops, consistent with the use directions and restrictions stated below. Use Sincocin for horticultural applications, as noted below.

Sincocin is effective in reducing the rate of infection by nematodes and thereby secondary infections by plant parasitic fungi. When it is known or suspected that plants have already been infected, the use of a systemic fungicide or nematicide may be necessary, followed by the use of Sincocin to prevent further infection.

EQUIPMENT AND MIXING

Apply Sincocin via hose-end, hand - carried, or backpack spray equipment. Apply Sincocin through drip and overhead irrigation systems. Follow all chemigation directions below. Shake well before using. Agitate solutions either during or immediately after dilution. Research has indicated that the use of a wetting agent such as T-Mate® helps to ensure distribution and retention of Sincocin in the root zone. Apply solution within eight hours of mixing. Dilute Sincocin in water as specified in the table below:

Application Site	Treatment Area	Water (min)*
Permanent plants	5,000 sq. ft.	´ 0.6 gal
Food crops, Fruit trees, ornamental plant	1 acre	5 gal
90 to 180 day growth cycle plants	5,000 sq. ft.	0.6 gal
Food and Row Crops, ornamental plants	1 acre	5 gal

*The table specifies the minimum amount of water to be used; Dilute Sincocin in a larger volume of water if desired. The amount of water used will vary according to equipment, type of nozzle used, number of nozzles, ground speed' system pressure and calibration. If soil is covered with plant material, mulch, or thatch, use sufficient water to transport it to the soil during application or lightly irrigate after application.

APPLICATION INSTRUCTIONS

				Cus
	First Root Flush(Spring)	30 D.A.I.T.*	60 D.A.I.T.	د را20 D.A.I.T.
Permanent plants	3/4 Ounce	3/4 Ounce	3/4 Ounce	° 4 Ounce ₁
Food crops, Fruit trees	Per 1,000	Per 1,000	Per 1,000	Fer 1,000
ornamental plants	Sq. Ft	Sq. Ft	Sq. Ft	Sq.Ft °
	At Planting ***	30 D.A.P.**	60 D.A.P.	ξς(c)
Annual plants	4.0/4.==	3/4 Ounce	3/4 Ounce	ι ,
Food and Row Crops,	1 3/4 oz. per 1000 sq. ft.	Per 1,000	Per 1,000	ε
ornamental plants	1000 34. 11.	Sq. Ft	Sq. Ft	

^{*}Days After Initial Treatment ** Days After Planting

Maximum amount of Sincocin that is allowed to be applied per year for any application site is 31/3 oz / 1,000 sq. ft.

^{***} Apply the material as a low volume dilution (3/4 to 1 gallon / 1,000 sq. ft.) application to the planting holes just prior to or at planting.

STORAGE AND DISPOSAL

Pesticide Storage: Store in original container only.

Container Disposal: If empty: Do not reuse this container. Place in trash or offer

for recycling if available.

If partly filled: Call your local solid waste agency

Manufactured by:
Agriculture Sciences, Inc.
3227 Garden Brook
Dallas, Texas 75234 USA
972-243-8930
info@agsciinc.com

(Last revision June 13, 2011)

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