

59174-2

05/07/2012

1/14



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460

MAY 07 2012

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Derek Little
Marketing Manager
Agriculture Sciences Inc
3227 Garden Brook
Dallas Texas 75234

RE Product Name Sincocin
EPA Reg No 59174 2
Application for Label Notification Dated March 06 2012 to make minor changes by
updating the trade name Dispense with T Mate per PR Notice 98 10

Dear Mr Little

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under Pesticide Registration (PR) Notice 98 10 dated above. A preliminary screen of this request has been conducted for its applicability under PR Notice 98 10 and it has been determined that the action(s) requested falls within the scope of PR Notice 98 10. 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.

If you have any questions concerning this action please feel free to contact Ms Menyon Adams at (703) 347 8496 or email at adams_menyon@epa.gov

Sincerely

Linda Hollis

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

2/14

Please read instructions on reverse before completing form

Form Approved OMB No 2070 0060 Approval expires 05 31 98

<h1 style="margin:0;">EPA</h1> <p style="text-align:center; margin:0;">United States Environmental Protection Agency Washington DC 20460</p>	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide Section I

1 Company/Product Number 59174 2	2 EPA Product Manager PM#	3 Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4 Company/Product (Name) Sincocin		
5 Name and Address of Applicant (Include ZIP Code) Agriculture Sciences Inc 3227 Garden Brook Dallas TX 75234 <input type="checkbox"/> Check if this is a new address		6 Expedited Review In accordance with FIFRA Section (c)(3)(b)(I) my product is similar or identical in composition and labeling to EPA Reg No _____ Product Name _____

Notification Accepted
Date _____

Section II

<input type="checkbox"/> Amendment Explain below <input type="checkbox"/> Resubmission in response to Agency letter dated XX XX XX <input checked="" type="checkbox"/> Notification Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated XX XX XX <input type="checkbox"/> Me Too Application <input type="checkbox"/> Other Explain below
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Reviewer **MAY 07 2012**

Explanation Use additional page(s) if necessary (For section I and Section II)
S b f f f m l b l r e r e p l c e c o m m e n d e d g g p r o d b r a n d a m p a n P R 9 8 1 0 T h f c a c o t h p f P R N c e 9 8 1 0 a n d E P A r e g l 4 0 C F R I 2 4 6 a n d
I h l b e c m d h l b l g t h f d l m f f r m l f h p o d l d t a d h l f 1 8 U S C S 1 0 0 1 I l f u l l m a k a n y f l m E P A I f u h d t a n d h f h f
I h m f P R N c e 9 8 1 0 d 4 0 C F R I 2 4 6 h p d m y b l f F I F R A a n d l y b b j f m a n d p j d 1 2 a n d 1 4 f F I F R A

Section III

1 Material This Product Will Be Packaged In				2 Type of Container	
Child Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) Plastic Bag	
<i>Certification must be submitted</i>		If Yes No per Unit Packaging wgt Container	If Yes No per Package wgt Container		
3 Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4 Size(s) Retail Container		5 Location of Label Directions <input type="checkbox"/> On Can <input type="checkbox"/> On Labeling accompanying product	
6 Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section IV

1 Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application)		
Name Derek Little	Title Marketing Mgr	Telephone No (Include Area Code) 972 243 8930

Certification I certify that the statements I have made on this form and all attachments thereto are true accurate and complete I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law		6 Date Application Received (Stamped)
2 Signature BY <i>Derek Little</i>	3 Title Marketing Mgr	
4 Typed Name Derek Little	5 Date March 6 2012	

3/14



March 6 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 resubmitting a notification pursuant to PR Notice 98 10 to revise the current product label to reflect the replacement of the tradename for a recommended wetting agent listed on the label Specifically we are notifying EPA that we are replacing the tradename Dispense with T Mate® on the product label for Sincocin As discussed in your email dated January 17 2012 we are including supportin° data to demonstrate the effectiveness of T Mate® Please find enclosed the following documentation in support of this submission

- Transmittal document
- EPA Application Form 8570 1
- Updated label (one with the change highlighted in yellow and two without the highlight) and
- Supporting data to demonstrate the effectiveness of T Mate®

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

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
Marketing Mgr

Enclosures

4/14

Notification Accepted

Date MAY 07 2012

Reviewer M. Adams

SINCOGIN®

A BIOLOGICALLY DERIVED AGENT FOR SUPPRESSION OF NEMATODES AND ASSOCIATED PATHOGENS

Ingredients

Active Ingredient	
Plant Extract*	0.56%
Other Ingredient	<u>99.44%</u>
Total	100.00%

*The plant extract is derived from *Quercus falcata*, *Opuntia lindheimeri*, *Rhus aromatica*, and *Rhizophora 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

Net Contents _____

5/14

Sincocin Agricultural/Commercial Use Sublabel
This label contains application rates specific to
32 fl oz 1 gallon 5 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

Plant Extract* 0.56%

Other Ingredient 99.44%

Total 100.00%

*The plant extract is derived from *Quercus falcata* *Opuntia lindheimeri*
Rhus aromatica and *Rhizophora 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®

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 wash 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 equipment washwater or rinsate.

EPA REG No 59174 2

SINCOGIN**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 (food crops row crops Orchards Vineyards Golf course and other recreational turf ornamental plant)	5 000 sq ft	0 5 gal
	1 acr	5 gal
	10 acres	50 gal
90 to 180 day growth cycle plants Food and Row Crops ornamental plants	5 000 sq ft	0 6 gal
	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)	3 fl oz pe 1 000 sq ft
	14 D A I T	
	28 D A I T	
	Early Fall	
	14 D A I T	
	28 D A I T	
Permanent Plants Food crops Row Crops Orchards Vineyards Maximum allowed per year 4 5 quarts (144 fl oz) per acre	First Root Flush (Spring)	1 quart per acre
	30 D A I T	
	60 D A I T	
	120 D A I T	1 5 quarts per acre
Annual Plants Food and Row Crops Ornamental Plants Maximum allowed per year 4 5 quarts (144 fl oz) per acre	At Planting	2 5 quarts
	30 D A I T	1 quart
	60 D A I T	
<p>* 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</p>		

CHEMIGATION OF SINCOGIN

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 SINCOGIN 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 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

11/14

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* *Opuntia lindheimeri*
Rhus aromatica and *Rhizophora mangle* tissues

Keep out of reach of children

CAUTION

See Side Panel for First Aid

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 _____

12/14

SINCOCIN®

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 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 sellers' only obligation shall be to replace such quantity of the product that is proven defective before purchase.

13/14

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 Food crops Fruit trees ornamental plant	5 000 sq ft	0 6 gal
	1 acre	5 gal
90 to 180 day growth cycle plants Food and Row Crops ornamental plants	5 000 sq ft	0 6 gal
	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

	First Root Flush(Spring)	30 D A I T	60 D A I T	120 D A I T
Permanent plants Food crops Fruit trees ornamental plants	3/4 Ounce Per 1 000 Sq Ft	3/4 Ounce Per 1 000 Sq Ft	3/4 Ounce Per 1 000 Sq Ft	1 Ounce Per 1 000 Sq Ft
	At Planting	30 D A P	60 D A P	
Annual plants Food and Row Crops ornamental plants	1 3/4 oz per 1000 sq ft	3/4 Ounce Per 1 000 Sq Ft	3/4 Ounce Per 1 000 Sq Ft	

* Days After Initial Treatment ** Days After Planting

*** 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

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

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)