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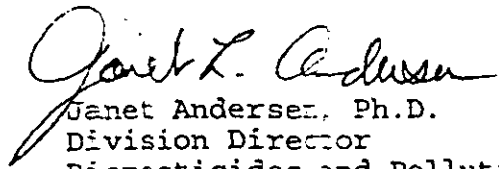
59174-2

4/28/97

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 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Biopesticides and Pollution Prevention Division (7501M) 401 "M" St., S.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <u> X </u> Registration <u> </u> Reregistration</p> <p>(under FIFRA, as amended)</p>	EPA Reg. Number:	Date of Issuance:
	59174-2	April 28, 1997
	Term of Issuance: Unconditional	
Name of Pesticide Product: Sincocin		
Name and Address of Registrant (include ZIP Code):		
Appropriate Technologies, Limited 3601 Garden Brook Dallas, Texas 75234		
<p><small>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.</small></p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This product is registered in accordance with FIFRA sec. 3(c)(5) provided that you:</p> <p>I. Submit and/or cite all data required for registration/registration renewal of your product when the Agency requires all registrants of products containing plant extract of from Southern red oak (<i>Quercus falcata</i>), prickly pear cactus (<i>Opuntia lindheimeri</i>), fragrant sumac (<i>Rhus aromatica</i>) and red mangrove (<i>Rhizophoria mangle</i>) to submit the data.</p> <p>II. You are reminded that, per Section 6(a)(2) of the Federal Insecticides, Rodenticides and Fungicides Act, as amended, (40 CFR 153.75) you must report all adverse reactions including hypersensitivity incidents to the Agency if/when they occur.</p>		
Signature of Approving Official:	Date:	
See Page 2.	APR 28 1997	

- III. A copy of the stamped label is provided for your records.
- IV. By this notice the Agency is alerting you that, should you choose to manufacture future batches of Plant Extract 620, information on the product identity, product analysis data, and the manufacturing process must be received and deemed acceptable before end-use products are formulated from the second and successive batches.
- V. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.


Janet Andersen, Ph.D.
Division Director
Biopesticides and Pollution
Prevention Division (7501W)
Office of Pesticide Programs

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Sincocin Agricultural/Commercial Use Master Label. This label contains application rates specific to 32 fl. oz., 1, 2.5, 30, 55, 275, and 300 gallon containers.

[Front Panel 4/14/97]

SINCOCIN®

A biologically derived agent for control of nematodes and associated pathogens.

Ingredients

Active Ingredient:

Plant Extract* 0.56%

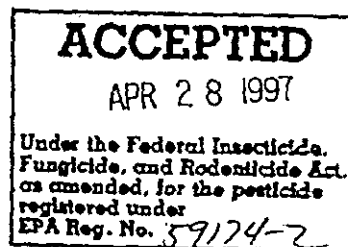
Inert Ingredients: 99.44%

Total 100.00%

* 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:
Appropriate Technology, Ltd.
3601 Garden Brook
Dallas, TX 75234

EPA Reg. No. 59174-E
EPA Est. No. 59174-TX-1

Net contents _____

This container will treat ____ (acres, hectares) at the highest application rate.

[Back Panel 4/14/97]

SINCOCIN®

Sincocin reduces the feeding vigor of plant parasitic nematode species and stimulates certain predatory nematode species important in the biological control of damaging nematode populations. Unlike conventional nematicide, Sincocin does not suppress beneficial nematode species. Sincocin also improves a plant's ability to withstand a variety of pathogens and environmental stresses.

SEE ATTACHMENT FOR DIRECTIONS FOR USE.

WARRANTY

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

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

FIRST AID

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

long-sleeved shirt and long pants
waterproof gloves
shoes plus socks

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

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.

The Manufacturer warrants that this product conforms to the original formulation and is fit for use as directed. Neither Manufacturer nor seller shall be liable for any injury, loss or damage direct or indirect arising from the misuse of the product. Appropriate Technology, Limited and its various sellers' only obligation shall be to replace such quantity of the product that is proven defective before purchase.

[Direction for Use Attachment 4/14/97]

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 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 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:

long-sleeved shirt and long pants
waterproof gloves
shoes plus socks.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If there are no instructions for cleaning PPE, wash in detergent and hot water. Keep and wash PPE separate from other laundry.

[Directions for Use Attachment 4/14/97]**USES**

Sincocin may be used on all food and feed crops, consistent with the use directions and restrictions stated below. Sincocin may also be used 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. Do not apply this product through any type of irrigation system. Dilute Sincocin in water as specified in the table below:

Application Site	Treatment Area	Sincocin	Water (minimum)*
Food Crops and/or Orchards	5,000 sq. feet	3 fluid ounces	10 gallons
	1 acre	26 fluid ounces	90 gallons
	10 acres	2 gallons	900 gallons
Turf and/or Ornamentals	5,000 sq. feet	10 fluid ounces	10 gallons
	1 acre	87 fluid ounces	90 gallons
	10 acres	6.5 gallons	900 gallons

*The table specifies the minimum amount of water to be used; Sincocin may be diluted 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.

Shake well before using. Agitate solutions either during or immediately after dilution. Apply solution within eight hours of mixing.

[Directions for Use Attachment 4/14/97]

APPLICATION INSTRUCTIONS

Food Crops

Make first application during initial leaf flush with subsequent applications every 60 days during active growth. Maximum # of applications/area/year: 6

Orchards

Make first application during initial leaf flush with subsequent applications every 60 days during active plant growth. Maximum # of applications/area/year: 6

Note: If a systemic fungicide or nematicide is used to treat a current infection, begin treatments with Sincocin 60 days after use of the fungicide or nematicide.

Turf

Golf Greens and Tee Boxes Treat every 30 days for nematode control or every 14 days for control of secondary infections by root pathogens. Maximum # of applications/area/year: 10

Fairways Treat every 30 days. Maximum # of applications/area/year: 10

Note: If a systemic fungicide or nematicide is used to treat a current infection, begin treatments with Sincocin 14 to 28 days after use of the fungicide or nematicide.

Ornamentals

Make first application during initial leaf flush with subsequent applications every 30-60 days during active growth. Maximum # of applications/area/year: 10

Note: For control of secondary infections by fungal pathogens, make initial application prior to plant optimal growth conditions. If a systemic fungicide or nematicide is used to treat a current infection, begin treatments with Sincocin 14 to 28 days after use of the fungicide or nematicide.

[Directions for Use Attachment 4/14/97]

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original container only.

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: 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.