



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (147505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number: 270-297  
Date of Issuance: 20 SEP 1995

Term of Issuance: Conditional

Name of Pesticide Product: Farnam  
IGR Fogger 301

NOTICE OF PESTICIDE:  
  X   Registration  
      Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

FARNAM COMPANIES, INC.  
301 West Osborn Road  
Suite 2000  
Phoen x, AZ 85013

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/reregistered 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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Change the label by revising the EPA Registration Number to read, "EPA Reg. No. 270-297".

3. Submit two copies of the revised final printed label for the record.

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.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

RPK  
Richard P. Keigwin, Jr.

Date

20 SEP 1995

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

20 SEP 1995

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

270-297

## Farnam IGR Fogger 301

**Total Release Fogger for Fleas with [brand name] Insect Growth Regulator  
Kills Adult and Preadult Fleas  
Prevents Reinfestation for 7 months**

---

ONE UNIT TREATS A ROOM OF UP TO 6,000 CUBIT FEET OF UNOBSTRUCTED SPACE  
[27 X 27 X 8]

[ ] OR ( ) indicates alternate or optional wording

[NYLAR®] [brand name] is an insect growth regulator similar to the naturally occurring insect growth hormones which interferes [stops] their growth and development  
[NYLAR®] [brand name] stops [prevents] the flea from developing into egg laying adults  
[NYLAR®] [brand name] can be used as part of an integrated pest management [IPM] program  
[NYLAR®] [brand name] can be a biorational approach to insect control  
[NYLAR®] [brand name] keeps working in areas exposed to the sun

Inhibits reinfestation for up to [210 days] [30 weeks] [7 months]  
Kills adult and preadult fleas, including flea eggs for [210 days] [30 weeks] [7 months]  
Prevents fleas from developing into the biting adult stage  
Stops [prevents] hatching fleas [preadult (larval) fleas] [hatching eggs (larvae)] from becoming full grown [developing into] biting adults  
One treatment works for [210 days] [30 weeks] [7 months] against hatching fleas [preadult (larval) fleas] [hatching eggs (larvae)]  
Kills present (today's) fleas and prevents new (tomorrow's) fleas from growing up to bite  
[NYLAR®] [brand name] activity keeps working for [210 days] [30 weeks] [7 months]  
Controls [stops (kills)] stages of fleas that don't look like fleas  
Prevents [stops] the emergence of adult fleas  
Flea eggs deposited on treated areas will not develop into adult fleas  
Larvae crawling onto treated areas will not develop into adult fleas  
[NYLAR®] [brand name] acts on the immature life stage of the flea, preventing it from developing into biting adults

Kills [inhibits] Cockroaches, Ticks, Spiders, Ants, and other listed insects  
Also kills Deer Ticks and other Ixodid species that may carry and transmit Lyme Disease  
Effective long term control

ACTIVE INGREDIENTS:	
2-[1-Methyl-2-(4-phenoxyphenoxy) ethoxy] pyridine .....	0.100%
Pyrethrins .....	0.050%
*N-Octyl bicycloheptene dicarboximide .....	0.400%
Permethrin [ <b>**</b> (3-Phenoxyphenyl) methyl (+ or -) cis-trans-3-(2,2-dichloroethenyl) 2,2-dimethylcyclopropanecarboxylate] .....	0.400%
Related compounds .....	0.035%
INERT INGREDIENTS .....	99.015%
	100.000%

\*MGK® 264, Insecticide Synergist  
 \*\*Cis-trans isomers ratio: Max. 55% (+ or -) cis and Min. 45% (+ or -) trans  
 NYLAR®, MGK® - Registered trademarks of McLaughlin Gormley King Co.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED:	Call a physician or Poison Control Center immediately.
IF IN EYES:	Flush with plenty of water. Get medical attention if irritation persists.
IF ON SKIN OR CLOTHING:	Remove contaminated clothing and wash before reuse. Wash skin with soap and warm water. Get medical attention if irritation persists.
IF INHALED:	Remove victim to fresh air if effects occur, and call a physician.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION**

Harmful if swallowed. Avoid breathing vapors or spray mist. Avoid contact with skin or eyes. In case of contact, flush with plenty of water. Wash with soap and warm water after use. Obtain medical attention if irritation persists. Avoid contamination of food or feedstuffs.

Do not use in food areas of food handling establishments, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served such as dining rooms but excluding areas where foods may be prepared or held. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food should be covered or removed. Non-food areas are areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling). Not for use in USDA Meat and Poultry Plants.

Remove pets, birds, and cover fish aquariums before spraying.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Keep away from heat, sparks, and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

[NYLAR®] [brand name], an insect growth regulator, is similar to growth hormones that occur naturally in insects. [NYLAR®] [brand name] inhibits development of the immature stages of the flea for [210 days] [30 weeks] [7 months] preventing them from reaching the biting adult stage.

[NYLAR® Total Release Fogger] [brand name] contains a combination of three insecticides that stops [blocks (interrupts) (terminates)] the flea life cycle in three ways and controls other listed insects. The first insecticide is [NYLAR®] [brand name], an insect growth regulatory, that will not

allow the flea to reproduce thereby providing long term [residual] control. The second insecticide is the botanical Pyrethrum, [an extract of a Chrysanthemum flower,] which provides effective, quick-kill of insects upon direct contact and an added benefit of flushing the insects from their hiding place to aid in a more complete control [kill]. Permethrin, the third active insecticide, provides activity until [NYLAR®] [brand name] takes effect.

[NYLAR® Total Release Fogger] [brand name] contains a combination of ingredients that kills both adult and hatching fleas [preadult (larval) fleas] [hatching eggs(larvae)]. Kills hatching fleas [preadult (larval) fleas] [hatching eggs (larvae)] before they grow up to bite. [NYLAR®] [brand name] the insect growth regulator in this fogger, continues to kill (control) hatching fleas [preadult (larval) fleas] [hatching eggs (larvae)] for [210 days] [30 weeks] [7 months] by preventing their development into adults. The fogger reaches fleas [and other listed insects] hidden in carpets, rugs, drapes, upholstery, pet bedding, floor cracks and open cabinets. Occasionally adult fleas may be present in treated areas when reintroduced from infested animals.

To protect your pet against and to minimize reintroduction of adult fleas from outdoors, use EPA registered flea and tick products, [brand name] flea or flea and tick collar, [brand name] pet dust, [brand name] pet spray, [brand name] pet dip, [brand name] pet shampoo, flea shampoo or flea and tick pet shampoo, in conjunction with this application and prior to re-entry. As part of a complete flea control program use EPA registered [brand name] outdoor [lawn] [home and garden] spray, [brand name] [pressurized] [Ready-to-Use] [RTU] flea and tick [indoor] [premise] spray.

Kills [controls] insects [on contact] [such as]:

Cockroaches [adults (nymphs)]	Sowbugs	Fleas [adults (larvae) (eggs) (preadult)]
Smokey Brown Cockroach [adults (nymphs)]	Millipedes	Ticks[that may carry and transmit Lyme Disease]
Brown Banded Cockroach [adults (nymphs)]	Beetles	Brown Dog Ticks
Asian Cockroach [adults (nymphs)]	Ground Beetles	Lone Star Ticks
German Cockroach [adults (nymphs)]	Elm Leaf Beetle	Deer Tick
American Cockroach [adults (nymphs)]	Boxelder Bug	Other Ixodid species
Australian Cockroach [adults (nymphs)]	Earwigs	American Dog Tick
Waterbugs [adults (nymphs)]	Lice	Gulf Coast Tick
Palmetto Bugs [adults (nymphs)]	Pillbugs	Foraging Ants [Fire Ants] [Pharaoh Ants]
	Clover Mites	Carpenter Ants [Eastern (Western)]
	Dermestids [Carpet Beetles ( <i>Trogoderma</i> )]	Centipedes

Granary Insects	Midge	Flying Moths [small]
Flat Grain Beetle	Flies	Almond Moth
Cadelle	Rice Weevil	Gnats
Flour Beetle		Cluster Fly
Cigarette Beetle		Mosquito
Drugstore Beetle		Sciarid Fly
Lesser Grain Borer		Firebrat
Merchant Grain Beetle		Silverfish
Sawtoothed Grain Beetle		Booklice
Grain Weevil		Bedbug
Warehouse Beetle	Wood Borer (exposed stages)	Yellowjackets [Eastern (Western)]
Red Flour Beetle		
Grain Mite	Cheesemite	

For use in: Apartments, Attics, Basements, Boats, Cabins, Campers, Closed Porches, Condominiums, Dormitories, Drive-Ins, Drugstores, Factories, Food Plants, Garages, Homes, Hospitals, Hotels, Institutions, Kennels, Kitchens, Motels, Nursing Homes, Office Buildings, Other Public Buildings, Pet Grooming Parlors, Pet Sleeping Areas, Railroad Cars, Restaurants, Rooms, Schools, Ships, Storage Areas, Supermarkets, Theaters, Trailers, Treehouses, Trucks, Verandas, Warehouses, and Zcos.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product

in a manner inconsistent with its labeling.

**READ ALL DIRECTIONS COMPLETELY BEFORE USE**

For use only when building has been vacated by human beings and pets. Ventilate area for 30 minutes before re-entry.

For best results, treat all infested areas [sites]. Use one fogger for each 6,000 cubic feet (approximately 27 ft x 27 ft x 8 ft ceiling) of unobstructed area. Use additional units for remote rooms or where the free flow of fog is not assured.

NOTE: Do not use more than one unit per average size room. Do not use this unit in a cabinet or under a counter or table. Do not use this unit in an area less than 100 cubic feet.

**PREPARATION:**

Remove or cover exposed food, dishes, utensils, surfaces and food-handling equipment. Shut off fans and air conditioners. Put out all flames and pilot lights. Close outside doors and windows. Remove pets and birds but leave pets' bedding as this is a primary hiding place for fleas and must be treated for best results. No need to discard pet bedding after treatment. Cover or remove fish tanks and bowls. Leave rugs, draperies and upholstered furniture in place. This product will not harm furniture when used as directed. Open interior closet doors and cabinets or areas to be treated. [Cover waxed wood floors and waxed furniture when in the immediate area surrounding the fogger.] (Newspapers may be used).

For more effective control of storage pests [Flour Beetle, Cigarette Beetle, Drugstore Beetle, Lesser Grain Borer, Merchant Grain Beetle, Sawtoothed Grain Beetle, Grain Weevil, Warehouse Beetle, Red Flour Beetle, Confused Flour Beetle] and Cockroaches [Smoky Brown Cockroach, Brown Banded Cockroach, Asian Cockroach, German Cockroach, American Cockroach, Australian Cockroach, Oriental Cockroach, Oriental Cockroach], [Crickets, (Waterbugs) (Palmetto Bugs)] open all cupboard doors [kitchen, bathrooms, pantry], and drawers for better penetration of fog. Remove all infested foodstuffs and dispose of in outdoor trash.

For flea and tick control, thoroughly vacuum all carpeting, upholstered furniture, along baseboards, under furniture and in closets. Put vacuum bag into a sack and dispose of in outside trash. Mop all hard floor surfaces.

**READ ALL DIRECTIONS AND CAUTIONS BEFORE USING**

**TO START FOGGING: SHAKE FOGGER WELL BEFORE USING:** Hold can at arm's length with top of can pointing away from face and eyes. Push down on finger pad until it locks. This will start fogging action. Set canister in an upright position on a table, stand, etc. (up to 30 inches in height in the center of the area) and place several thicknesses of newspaper under the canister to prevent marring of the surface. Treat the whole dwelling using multiple units in homes with more than one level and numerous rooms. Leave the building at once.

**DO NOT RE-ENTER BUILDING FOR TWO HOURS.** After two hours, open all outside doors and windows, turn on air conditioners and/or fans and let treated area air for 30 minutes before reoccupying. If additional units are used for remote rooms or where free flow of fog is not assured, increase airing-out time accordingly.

**STORAGE AND DISPOSAL**

**STORAGE:** Store in a cool dry area away from heat or open flame

**DISPOSAL:** Replace cap and discard container in trash. Do not incinerate or puncture

696  
7

Net Contents 6 ounces

EPA Reg. No. 270

EPA Est. No. 58996-MO-1

Distributed by  
Farnam Companies, Inc.  
301 West Osborn Road  
Phoenix, AZ 85013