

1021-1871

11/6/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460-0001



OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Tom Lennan
McLaughlin Gormley King Co. (MGK)
8810 Tenth Avenue North
Minneapolis, MN 55427

NOV 6 2012

Subject: Amended Reregistration Label
Product Name: Dry PyGanic 1.0%
EPA Registration Number: 1021-1871
EPA Decision Number(s): 412459

Dear Mr. Lennan:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the **Pyrethrin RED(s)**, and has concluded that your submission is acceptable.

NOTE: This product is **not** being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please note that the record for this product currently contains the Confidential Statement of Formulation (CSF) listed below. Any previously dated CSFs are superseded.

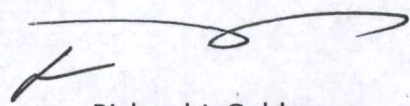
- Basic CSF, dated 5/26/2009

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

If you have any questions about this letter, please contact Autumn Metzger at (703) 305-5314 or via e-mail at metzger.autumn@epa.gov

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Sincerely,



Richard J. Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7504P)

NOV 6 2012

Enclosures: *Label stamped "Accepted," dated
Acute Toxicity Review, dated (October 21, 2010)
Product Chemistry Review, dated (October 8, 2010)*

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Dry PyGanic® 1.0%

[] denotes optional wording

[Intended for Use by Pest Management Professionals]
For use on livestock animals and livestock premises
Indoor and Outdoor Residential and Commercial / Institutional
For Use in Food Handling Establishments

ACTIVE INGREDIENTS:

*Pyrethrins.....	1.00%
OTHER INGREDIENTS.....	99.00%
	100.00%

PYGANIC® - Registered trademark of McLaughlin Gormley King Company
* Pyrethrins are a botanical insecticide derived from chrysanthemum flowers.

0.01 lbs. active ingredient per lbs. of Dry PyGanic® 1.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID	
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.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may call 1-888-740-8712.	

Net Weight: 10 oz to 3 lbs.

Manufactured by



8810 Tenth Avenue North
Minneapolis, MN 55427

EPA Reg. No. 1021-1871

EPA Est. No. 1021-MN-2

**ACCEPTED
NOV 06 2012
Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for the
pesticide registered under:**

EPA. Reg. No: 1021-1871

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, Loaders Applicators, and other handlers must wear the following:

- long-sleeve shirt
- long pants
- shoes and socks
- chemical resistant gloves made of nay waterproof material

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

USER SAFETY RECOMENDATIONS:

User Safety Recommendations:

Users should:

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE 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

This product is toxic to aquatic organisms, including fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL BEFORE EACH USE

USE RESTRICTIONS:

- Apply this product only as specified on the label.
- Aerial applications are prohibited.
- Do not allow contamination of food and feedstuffs.
- In indoor residential areas or other areas where children may come into contact, only apply as a crack-and-crevice or as a spot treatment to areas no greater than 3 feet by 3 feet per room.
- Applications with power duster equipment are prohibited.
- Do not enter or allow others to enter until dusts have settled.
- Do not apply this product in a way that will contact workers or other persons, either directly or indirectly through drift.
- Only protected handlers may enter treated area during application.
- Do not allow adults, children or pets to enter the treated area until dusts have settled.
- For use outdoors, do not apply directly to or near water, storm drains or drainage ditches. Do not apply when windy.
- Do not water the treated area to the point of run-off

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- Do not make applications during rain.
- Do not apply this product in a way that will contact adults, children or pets, either directly or indirectly through drift.
- Remove or cover exposed food and drinking water before application.
- Remove or cover dishes, utensils, food processing equipment and food preparation surfaces, or wash them before use. Do not use in serving areas while food is exposed.
- In Food Areas of Food Handling Establishments: Do not contaminate food or feedstuffs. During applications, cover or remove food. Cover food processing surfaces and equipment or clean after treatment with a suitable detergent and rinse with potable water before use. Do not use in serving areas (dining areas where prepared foods are served) while food is exposed or facility is in operation.
- In Schools, do not apply to classrooms when in use.
- Do not use in aircraft cabins.
- Remove pets, birds and cover fish aquariums before application.
- When used in dairy barns or facilities; close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking
- Except when applying to sewers or drains as instructed on this label, do not apply directly in to sewers or drains, or to any area like a gutter where drainage to storm sewers, water bodies, or aquatic habitat can occur. Do not allow the product any drain during or after application.
- Not for use on commercial sod farms.
- USE RESTRICTIONS IN FOOD HANDLING AREAS:
 - Do not apply when food or feed processing facility is in operation or foods are exposed. I
 - APPLICATIONS OF THIS PRODUCT IN FOOD/FEED AREAS OF FOOD/FEED HANDLING ESTABLISHMENTS ARE NOT PERMITTED, OTHER THAN AS A CRACK AND CREVICE TREATMENT.

Kills Exposed listed insects:

Adelgids	Broadnosed Grain Weevils	Cottonwood Leaf Beetles	Firebrats
Alfalfa Weevil	Brown Spider Beetles	Cranbury Girdlers	Fireworms
Almond Moth	Brown Spruce Longhorn Beetle	Crane Flies	Flat Grain Beetles
American Black Flour Beetle	Budworms	Crickets	Flea Beetles
Angoumois Grain Moths	Cadelles	Cross-striped Cabbageworm	Fleas
Ants	California Oakworm	Cucumber Beetles	Flies
Aphids	Cankerworms	Cutworms (exposed)	Flying Moths
Apple Maggot	Carpet Beetles	Dark Mealworms	Foreign Grain Beetles
Amyworms	Carrion Beetles	Darkling Beetles (lesser meal worm)	Forest Tent Caterpillar
Asian Cerambycid Beetles	Carrot Weevil	Deer Tick	Fruit Flies
Asian Lady Beetle	Caterpillars	Depressed Flour Beetles	Fruittree Leafroller
Asian Pine Tip Moths	Catorama Beetles	Dermestid Beetles	Fungus Beetles
Bagworm	Centipedes	Diamondback Larvae	Fungus Gnats
Barn Flies	Cereal Beetles	Dingy Cutworm Adult	German Cockroaches
Bat Bugs	Cheese Mites	Douglas Fir Midge	Giant Root Aphid
Bean Beetles	Cheese Skippers	Douglas Fir Tussock Moth	Glassy Winged Sharpshooter
Bean Weevils	Chicken Mites	Drain Flies	Grain Mites
Bed Bugs	Chocolate Moths	Dried Fruit Beetles	Granary Insects
Bees	Chrysanthemum Leaf Miners	Drugstore Beetles	Granary Weevils
Beet Armyworms	Cicadas	Earwigs	Grape Leaf
Beetles	Cigarette Beetle	Eastern Tent Caterpillar	Skeletonizer
Birch Leafminer	Clearwing Borer	Elmleaf Beetle	Grape Leafhopper
Black Carpet Beetles	Clothes Moths	Emerald Ash Borer	Grasshoppers
Black Fungus Beetles	Clover Mites	European Grain Moths	Green Fruit Worm
Black Turpentine Beetles	Clover Weevil	European Pine Shoot Moth	Green Peach Aphid
Black Vine Weevil	Cluster Flies	European Pine Tip Moth	Greenbugs
Blacklegged Tick Nymphs	Cocoa Bean Moths	Face Flies	Greenhouse Thrips
Blister Beetles	Coffee Bean Weevils	Fall Cankerworms	Ground Beetles
Blow Flies	Cone Beetles	Fall Webworm	Gypsy Moth (adults & larvae)
Booklice	Cone Worms	Fannia Flies	Hairy Fungus Beetles
Bottle Flies	Confused Flour Beetle	Field Crickets	Hairy Spider Beetles
Boxelder Bugs	Conifer Spider Mite (Adult)		Harlequin Bug
Broadhorned Flour Beetles	Corn Sap Beetles		Heliothis spp.
	Cottonwood Borer		Hessian Fly (Adult)
			Hide Beetles
			Hornworm
			Inchworm

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Indian Meal Moth
Iris Borer
Japanese Beetle
Katydid
Khapra Beetles
Lace Bugs
Large Black Flour Beetles
Larger Cabinet Beetles
Larger Grain Borers
Leafhoppers
Leafminers
Leafrollers
Leafliers
Lesser Grain Beetles
Lesser Grain Borers
Lesser Meal Worm
Lesser Peach Tree Borer
Longheaded Flour Beetles
Loopers
Lygus Bugs
Maize Weevils
Mealy Bugs
Mediterranean Flour Moths
Merchant Grain Beetles
Mexican Bean Beetle
Mexican Grain Beetles

Millers
Millipedes
Mimosa Webworm
Mole Crickets
Moth Flies
Murmidius Beetles
Mushroom Flies
Nantucket Pine Tip Moth
Northern Fowl Mites
Onion Maggot
Palmetto Bug
Peach Twig Borer
Pear Psylla
Pillbugs
Pine Bark Beetles
Pine Engraver
Pink Scavenger Caterpillars
Pinworms
Plant Bugs
Plum Curculio
Ponderosa Pine
Needle Miner
Poultry Lice
Powder Post Beetles
Psocids
Psyllids
Red Flour Beetles
Red Gum Lerp Psyllid
Red Horned Grain Beetles

Red Lily Beetles
Red Oak Borer
Redbanded Leafroller
Rice Flour Beetles
Rice Moths
Rice Weevils
Root Weevils
Rose Chafer
Royal Palm Bugs
Rusty Grain Beetles
Saw Flies
Saw-Toothed Grain Beetle
Scale (Crawlers)
Seedbugs
Silverfish
Skipper Flies
Skippers
Slenderhorned Flour Beetles
Small Flying Moths
Small Fruit Flies
Smalleyed Flour Beetles
Southern Pine Beetles
Southern Red Mite (Adult)
Sowbugs
Spider Beetles
Spider Mites
Spruce Mite (Adult)

Squarenecked Grain Beetles
Stable Flies
Stalk Borers
Stink Bugs
Stored Product Pests
Subtropical Pine Tip Moth
Sycamore Leaf Beetle
Tarnished Plant Bug
Tent Caterpillar
Thrips
Tobacco Moths
Trogoderma Beetles
Two-Banded Beetles
Vegetable Leaf Miners
Vinegar Flies
Warehouse Beetles
Wasps [Yellow Jackets, Hornets, and Paper Wasps]
Waterbugs
Webworms
Weevils
Western Pine Tip Moth
White Apple Leafroller
White Marked Spider Beetles
Whiteflies
Wireworms
Yellow Mealworms

Application Methods:

Apply Dry PyGanic® 1.0% using a non-power dust applicator, a shaker can, dust gun, puffer or other bulbous duster, hand pump duster, hand operated rotary duster, static charge duster, or other appropriate hand operated duster.

INDOOR AREAS: For use in and around indoor areas:

Animal Areas
Animal Quarters
Apartments
Asian Markets
Attics
Bakeries
Barns
Basements
Beef Barns
Beverage Plants
Bins
Bottling Plants
Brandy Storage
Warehouses
Breweries
Brewery Warehouses
Buildings Housing
Animals
Buildings Housing
Poultry
Cabinets
Cafeterias
Calving Barns
Canneries
Cat Sleeping Quarters
Cattle Barns
Certified Organic Facilities
Cheese Caves

Citrus Packing Houses
Coffee Houses
Coffee Shops
Commercial Buildings
Condominiums
Convenience Stores
Crawl Spaces
Dairies
Dairy and Livestock Barns
Dairy Food Processing
Day Care Centers
Delicatessens
Department Stores
Diners
Distilleries
Dog Houses
Dog Sleeping Quarters
Drains & Sewers
Dried Flower
Warehouses
Dried Food Products in Processing
Dried Food Products in Storage
Dried Fruit Processing Plants

Dried Fruit
Warehouses
Dumpsters
Dwellings
Egg Processing Plants
Egg Storage Facilities
Factories
False Ceilings
Farm Structures
Feed Mills
Flour Mills
Food Handling
Establishments
Food Preparation
Facilities
Food Processing
Facilities
Food Quarantine Areas
Food Service Facilities
Food Storage
Facilities
Freight Containers
Fruit Packing Sheds
Fruit Processing
Plants
Fruit Quarantine Areas
Fruit Storage
Warehouses

Garbage Bins
Garbage Cans
Garbage Compactors
Garbage Trucks
Goat Holding Areas
Goat Houses
Grain Elevators
Grain Handling
Equipment
Grain Harvesting
Equipment
Grain Mills
Grain Storage
Granaries
Greenhouses
Grocery Stores
Hog Barns
Homes
Horse Stables
Horse Stables and Barns
Horse Trailers
Hospitals
Hotels
Houses
Indoor Eating Facilities
Industrial Installations
Industrial Plants

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|-----------------------------|----------------------------|----------------------|--|
| Institution Dining Areas | Mushroom Processing Plants | Seed Storage | Transportation Equipment (except Aircraft) |
| Institutions | Office Buildings | Shade Houses | Tree Nuts Storage Areas |
| Kennels | Other Public Buildings | Sheep Holding Areas | Truck Trailers |
| Liveries | Packaged Food Storage | Ship Holds | Vegetable Packing Facilities |
| Livestock Barns | Pantries | Ships | Vegetable Processing Facilities |
| Livestock Hauling Equipment | Peanut Processing Plants | Spice Markets | Vegetable Storage Facilities |
| Livestock Holding Areas | Peanut Warehouses | Stable Bins | Veterinary Clinics |
| Loafing Sheds | Pet Bedding | Stables | Veterinary Hospitals |
| Meat Markets | Pet Carriers | Storage Areas | Voids in Attics |
| Meat Packaging Plants | Pet Food Plants | Storage Bins (areas) | Wall Voids |
| Meat Packing Plants | Pet Sleeping Areas | Storagees | Warehouses |
| Mess Halls | Poultry Houses | Stored Product Areas | Wheat Mills |
| Milk Houses | Poultry Processing Plants | Stored Products | Wholesale Stores |
| Milk Processing Facilities | Rabbit Houses | Stored Seed | Wine Cellars |
| Milk Rooms | Rabbit Processing Plants | Warehouses | Wine Storage |
| Milk Sheds | Railroad Cars | Stores | Warehouses |
| Milking Rooms | Research Animal Areas | Supermarkets | Wine Tasting Rooms |
| Mills | Restaurants | Swine Houses | Wineries |
| Motels | Rice Mills | Taverns | Zoos |
| Mushroom Caves | Schools | Tea Houses | |
| | | Textile Mills | |
| | | Tobacco Factories | |
| | | Tobacco Warehouses | |
| | | Tool Sheds | |
| | | Trains | |

APPLICATIONS WITHIN FOOD HANDLING ESTABLISHMENTS:

Food and/or Feed areas include areas for receiving, storage (dry, cold, frozen or raw), packaging (canning, bottling, wrapping, boxing and grinding), preparing, edible waste storage and enclosed processing systems (mills, dairies, and systems for processing edible oils and syrups). Serving areas are places where prepared foods are served.

FOOD HANDLING ESTABLISHMENTS	
Application Type	Application Rate
Crack and Crevice Food /Feed Areas of Food feed Handling Establishments	1.5 oz. / 50 sq. ft.
Crack and Crevice Stored product pests in Non-food/Non-Feed Areas of Food Handling Establishments	1 oz. / 50 sq. ft.
Crack and Crevice treatments in Storage Sites	1.0 oz/ 50 sq. ft.

Using a non-power duster, apply directly into cracks and crevices, in expansion joints between different elements of construction, under or between equipment bases and the floor, beneath appliances, into wall voids, motor housing, junction boxes or switch boxes, conduits, behind and under cabinets or drawers, in and around drains, around drain pipes, plumbing and utility entrances, hollow equipment legs and other sites where listed insects can enter or hide.

Stored Product Pests in Non-Food/Non-Feed areas of Food handling Establishments:

Non-food/feed areas of food/feed handling establishments are 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).

To aid in the control of stored product pests in listed areas. Apply Dry PyGanic® 1.0% at the specified rate. . Clean up waste materials, infested materials, dust, dirt, and any other debris. Thoroughly treat floors, walls, shelves, drawers, cabinets and other surfaces in bins, storage and handling areas, around cartons or containers and other areas where these insects tend to congregate. Apply into cracks and crevices and other difficult to reach areas where insects may hide. Apply in voids or cracks and crevices in pantries and other infested areas within the structure.

For Use in Storage Sites:

This product can be used in warehouse bins, trucks, cargo ships, mills, bin hoppers, elevators and conveying equipment and other listed sites as a clean up prior to using them for storage. Remove and dispose of all of the infested stored commodity accumulations and debris with special attention to material lodged in the cracks and crevices. After sanitation measures have been employed, dust areas prior to use for storage. , paying particular attention to cracks and crevices.

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For packaged food warehouses, treat potential points of insect entry, as well as harborage sites in, on and around wooden and plastic pallets, pallet-racking systems, loading docks, scales, around cartons.

INDOOR TREATMENTS:

IN INDOOR RESIDENTIAL AREAS OR OTHER AREAS WHERE CHILDREN MAY COME INTO CONTACT, ONLY APPLY AS A CRACK-AND-CREVICE OR AS A SPOT TREATMENT TO AREAS NO GREATER THAN 3 FEET BY 3 FEET PER ROOM.

APPLICATION RATES FOR INDOOR TREATMENTS		
Application Type	Application rates for Residential Areas such as homes, condominiums, apartments hotels , motel, and pet areas	Application Rates for Non-Residential Areas such as offices, warehouses, hospitals, and other commercial buildings and institutions.
Crawling Insects—Crack and Crevice	Apply as a crack-and-crevice treatment to areas no greater than 3 x 3 feet per room	1.5 oz. / 50 sq. ft.
Bed Bugs—Crack and Crevice	Apply as a crack-and-crevice treatment to areas no greater than 3 x 3 feet per room	2.0 oz. / 50 sq. ft.
Ants—Crack and Crevice	Apply as a crack and crevice treatment to areas no greater than 3 x 3 feet per room	1.0 oz. / 50 sq. ft.
Crawling Insects for Severe infestations—Spot treatments	Apply as a crack and crevice or as a spot treatment to areas no greater than 3 x 3 feet per room	16 to 20 oz. / 1,000 sq. ft. [8 to 10 oz/ 500 sq. ft.]
Fleas ticks and Mites in Areas where Pets frequent—Spot treatments	Apply as a spot treatment to areas no greater than 3 x 3 feet per room	1 oz. / 70 sq. ft.
Powder Post Beetles –Spot Treatments	Apply as a spot treatment to areas no greater than 3 x 3 feet per room	16 to 20 oz./ 1,000 sq. ft. [8 to 10 oz/ 500 sq. ft.]
Asian Lady Bird Beetles and Boxelder Bugs in Crawl Spaces and Attics—Crack and Crevice	Apply as a spot treatment to areas no greater than 3 x 3 feet per room	1 oz/ 50 sq. ft.
Asian Lady Bird Beetles and Boxelder Bugs in Crawl Spaces and Attics—Spot Treatments	Apply as a spot treatment to areas no greater than 3 x 3 feet per room	16 to 24 oz / 1,000 sq. ft. [4 to 6 oz/ 250 sq. ft.]
Ornamental Plants	Apply to cover upper and lower surfaces of leaves stems and flowers with a thin even film of dust	Apply to cover upper and lower surfaces of leaves stems and flowers with a thin even film of dust

Crawling Insects:

Apply Dry PyGanic® 1.0%, into voids, cracks and crevices or other places where insects are traveling or harboring. Apply a continuous visible film underneath and behind stairs, behind and beneath sinks, stoves, refrigerators and other appliances, around garbage cans, cabinets. Treat on around and behind moldings, shelving, baseboards, doorsills, doorframes, floors, around drains, pipes and pipe openings, plumbing, bookcases, storage, utility installations and other areas where insects hide or travel. For severe infestations apply behind cabinets and walls, in crawl spaces and attics at the specified rate.

Fleas, Ticks, and Mites:

DO NOT TREAT DOGS OR CATS WITH THIS PRODUCT.

For Fleas apply Dry PyGanic® 1.0% only as a direct treatment. Treat on and around animal bedding, sleeping quarters, kennel, furniture, floor and floor coverings and all areas where these pests inhabit. Treat cracks and crevices behind around window and door frames, wall cracks moldings, shelving, baseboards, pipe openings and all other cracks. Treat the entire inside surface of doghouses. For Ticks, apply Dry PyGanic® 1.0%, in places where the insects are traveling or harboring

Bed bugs:

Apply as a spot treatment or a crack and crevice treatment to harborages, where evidence of bed bugs occurs, including bed frames, box springs, inside empty dressers, furniture and clothes closets, carpet edges, high and low wall moldings, behind headboards, pictures, and wallpaper edges. Take bed apart and apply into joints, channels, cracks and crevices on bed frame, headboards and footboards. Do not make surface applications to mattresses or bedding. Mattress treatments must be limited to seams, folds, and edges only. Do not treat pillows bedding, or clothing. Remove linens and wash before reuse. Allow treated mattress to dry thoroughly before remaking bed. Remove all clothes and other articles from dressers or clothes closets before application.

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Ants:

To aid in the control of listed ants apply Dry PyGanic® 1.0% at the specified rate. Treat door frames, around window frames, behind, on and around moldings, cabinets, pipe openings, utility openings, shelves, ant trails, hills, wall voids, cracks and crevices and other points of entry into premises. Combine interior treatments with exterior perimeter application of Dry PyGanic® 1.0%.

Powder Post Beetles*:

To aid in protecting against insect entry. Apply to distribute Dry PyGanic® 1.0% through insect entry points, crawl holes into attics and crawl spaces of buildings. Close all vents and blowers so that all target surfaces can be treated. Contact all wood surfaces. In case of localized infestations, probe to locate galleries and drill holes to inject Dry PyGanic® 1.0% into the galleries and void areas. If a heavy infestation is suspected, a conventional, industry accepted techniques and treatments should be employed.

*The purpose of such applications of Dry PyGanic® 1.0% is to kill workers or winged reproductive forms that may be present in treated channels at the time of treatment. Such applications are not a substitute for mechanical alteration, soil treatment or foundation treatment but are merely a supplement. This product is not for use against termites. For active termite infestations, use conventional, industry accepted techniques and treatments.

Asian Lady Beetles and Boxelder Bugs:

To control or repel these insects, as well as Clover Mites, Cluster Flies and Elmleaf Beetles, inject Dry PyGanic® 1.0% at the into cracks and crevices and/or voids where these insects may be entering the premise, harboring or hibernating. Apply in crawl spaces and attics. On building exterior, treat underneath wood fascia, behind siding, cracks around windows, doors, siding, wall voids, utility pipes and entry points, behind chimneys, around foundations and foundation cracks, patios and deck joints. When treating for Asian Lady Beetles apply Dry PyGanic® 1.0% in, on and around areas with abrupt color contrasts on buildings (shutters, drainpipes, etc), southwest-facing or sun-exposed sides of buildings, and vertical corners of buildings.

OUTDOOR USE:

Ornamental Trees, Shrubs, Flowers and Foliage Plants : Including: African Violet, Ageratum, Aster, Azalea, Begonia, Calceolaria, Calendula, Calla, Camellia, Carnation, Ceanothus, Cineraria, Chrysanthemum, Coleum, Cyclamen, Cypress, Daffodil, Dahlia, Delphinium, Dogwood, Elm, Eucalyptus, Fern, Ficus, Foliage Plants, Fuchsia, Gardenia, Geranium, Gladiolus, Gloxinia, Gypsophila, Holly, Hyacinth, Hydrangea, Iris, Lily, Maidenhair Fern, Marigold, Narcissus, Palm, Pansy, Peony, Pelargonium, Petunia, Philodendron, Phlox, Pine, Pyracantha, Rhododendron, Roses, Rubber Plant, Snapdragon, Sweet Pea, Tulips, Viburnum, Wandering Jew, Yew, Zinnia and Andromeda, Arborvitae, Ash, Beech, Birch, Boxwood, Cotoneaster, Crabapple, Euonymus, Fir, Firethorn, Forsythia, Hawthorn, Hemlock, Hickory, Honey Locust, Horse Chestnut, Juniper, Larch, Laurel, Lilac, Linden, Mimosa, Myrtle, Oak, Pine, Privet, Tulip Tree, Viburnum, Willow.

Dry PyGanic® 1.0% must come into contact with insects in order to control them. Coverage of the target insect is vital to achieving good performance. Apply Dry PyGanic® 1.0% to cover upper and lower surfaces of leaves stems and flowers with a thin, even film of dust. Apply when insects or insect damage first appears.

When treating trees, shrubs and similar plants, treat the trunk, the base of the trunk and the critical root zone. Treat the tree crotch, knotholes, wounds and other areas where insects may harbor. Allow dust to settle in treated areas before reentering. Do not water or irrigate immediately following treatment. Do not eat or consume treated plants for 1 year after treatment.

Phytotoxicity: Plant safety is an important consideration when using insecticides. It is not possible to evaluate the phytotoxicity of Dry PyGanic® 1.0% on numerous plant varieties that may react differently to insecticides in different growth stages or under varying environmental conditions. Before making widespread applications of Dry PyGanic® 1.0% treat a limited number of plants and observe for phytotoxicity over a 10 day period.

OUTDOOR AREAS for use in and around areas:

Ant Mounds	Arboretums	Back Yards
Balconies	Beneath Decks	Beneath Gazebos
Calf Hutches	Compost Sites	Courtyards
Decks	Dog Runs	Drive-In Restaurants
Drive-In Theaters	Dumpsters	Farmers Markets
Flea Markets	Front Yards	Gardens
Gazebos	Home Gardens	Kennels
Lanais	Landscapes	Lath Houses
Loading Docks	Lumber Storage Areas	Nurseries
Outdoor Eating Facilities	Patios	Porches
Sanitary Sewers	Side Yards	Swine Yards

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(Manholes)		
Wood Piles		

OUTDOOR APPLICATIONS	
Application Type	Application Rate
Asian Lady Beetles and Box elder Bugs –Perimeter Building Exterior	16 to 24 oz./ 1,000 sq. ft.
Ornamental Plants	Apply to cover upper and lower surfaces of leaves stems and flowers with a thin even film of dust
Insects Harboring in Lawns, Landscaping and Backyards	Apply 8 to 24 oz. / 1,000 sq. ft.
Building perimeter treatments	Apply 16 to 24 oz/ 1,000 sq. ft.

Building Perimeter Treatments:

To aid in preventing entry and infestations of buildings by listed insects, Apply Dry PyGanic® 1.0% per to building exterior as a perimeter treatment in a band extending 12 - 18" along and adjacent to foundation, and to a height of 2 to 3 feet up the side of the building where these pests are active and may find entrance.

To Kill Insects Harboring in Lawns, Landscaping, and Backyards:

To aid in the control of listed insects, apply Dry PyGanic® 1.0% at the specified rate. . For best results, mow lawn one to two (1 – 2) days before applying, and clippings removed. Be sure to cover the entire lawn surface where insects are present, or normally frequent. Apply around the base of ornamental plants, shrubs and trees. Do not water or irrigate immediately following application. Keep pets and children out of the treated area until after the dust has settled.

LIVESTOCK, DAIRY, SWINE, POULTRY AND OTHER ANIMAL BUILDINGS AND PREMISES:

LIVESTOCK PREMISES	
Application Type	Application Rate
Crack and Crevice Livestock premises	1 oz. / 50 sq. ft.
Livestock Premises Spot treatments and surface treatments	16 to 24 oz/ / 1, 000 sq. ft. [4 to 6 oz / 250 sq ft.]
Building perimeter treatments	16 to 24 oz/ 1,000 sq. ft. [4 to 6 oz / 250 sq ft.]
Spot Treatments for ticks	16 to 24 oz/ 1,000 sq. ft. [4 to 6 oz / 250 sq ft.]

Kills: Bed Bugs, Blacklegged Tick Nymphs, Chicken mites, Deer Tick, Face Flies, Fleas, Flies, Northern Fowl Mites, Poultry Lice, and Stable Flies

To aid in the control of listed insects in listed indoor and outdoor animal areas, apply Dry PyGanic® 1.0% to cracks, crevices, voids, structural joints, floors, walls, wall joints, support beams, trusses, rafters, ceilings, around scales, chutes, gates, and other areas where insects harbor, alight, hide or travel. For Ticks, apply Dry PyGanic® 1.0%, in areas where they like to harbor such as cracks and crevices.

Apply Dry PyGanic® 1.0% to exterior of livestock buildings in an 18" band along and adjacent to building foundations, and to a height of 2 to 3 feet up the side of the building where insects are active and may find entrance.

LIVESTOCK ANIMAL USE:

LIVESTOCK ANIMALS	
Application Type	Application Rate
Beef, Dairy Cattle, horses.	2 oz. dust per animal
Swine	1 oz. per head as a uniform coat to head, shoulders and back.
Poultry	1 lb. / 100 birds. [10 oz / 60 birds]

Kills: Bed Bugs, Blacklegged Tick Nymphs, Chicken mites, Deer Tick, Face Flies, Fleas, Flies, Northern Fowl Mites, Poultry Lice, and Stable Flies

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BEEF, DAIRY CATTLE, HORSES AND OTHER LIVESTOCK:

Can be used in dust bags, shaker can and mechanical dust applicator to aid in the control or repellency of listed livestock insects.

Direct Application: Apply 2 oz. of dust per animal by shaker can, or suitable mechanical dust applicator over the head, neck, shoulders, back and legs.

Application through Dust Bags: Place contents of this package in any commercially available dust bag, suspend bag in areas frequented by cattle or in gateways or lanes through which the animals must pass daily for water, feed or minerals. Bags may also be placed in loafing sheds or in front of mineral feeders. For dairy cows, bags may be suspended in the exit through which the cows leave the milking barn. Hang the bags 4 to 6 inches below the back line of the cattle. For reduction of *Face Flies*, bags must be located so animals will be forced to use them daily and hung at a height so that the face is dusted.

SWINE:

USE RESTRICTIONS FOR APPLICATION TO SWINE:

- o Do not apply more often than once every 10 days
- o Do not ship animals for slaughter within 5 days of treatment.
- o

Direct Application: Apply only 1 ounce per head as a uniform coat to the head, shoulder and back by use of a shaker can or suitable mechanical dust applicator. In severe infestation, both animals and the bedding may be treated.

Poultry:

To control listed livestock insects, apply at a rate of 1 lb. per 100 birds.[10 oz per 60 birds]

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep this product in its tightly closed original container, when not in use. Do not store near heat or open flame. Store in a cool, dry, well-ventilated (preferably locked) area that is inaccessible to children and animals, and away from food and pet food.

PESTICIDE DISPOSAL:

To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry.)

CONTAINER DISPOSAL:

Nonrefillable container. Do not reuse or refill this container. Completely empty container by shaking and tapping sides and bottom to loosen clinging particles promptly after emptying. Then offer for recycling if available or reconditioning, if appropriate or dispose of in a sanitary landfill or by other procedures approved by State and Local authorities.