



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

April 10, 2019

Larry Nouvel  
LNouvel, Inc.  
4657 Courtyard Trail  
Plano, TX 75024

Subject: Notification per PRN 98-10 – Adding marketing claims and rearrangement of text  
Product Name: LN 1% PY  
EPA Registration Number: 87093-10  
Application Date: March 6, 2019  
Decision Number: 549401

Dear Mr. Nouvel:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, you may contact Helen Hull-Sanders at 703-347-0243 or via email at [hull-sanders.helen@epa.gov](mailto:hull-sanders.helen@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "C. Aubee".

Catherine Aubee, Chief  
Invertebrate-Vertebrate Branch 1  
Registration Division (7505P)  
Office of Pesticide Programs

[ ] – Denotes optional label language  
{ } – Denotes a comment for the reviewer

EPA Reg. No. 87093-10  
Notification February 21, 2019

## LN 1% PY

## NOTIFICATION

87093-10

The applicant has certified that no changes, other than those reported to the Agency, have been made to the labeling. The Agency acknowledges this notification by letter dated:

04/10/2019

[Multi-purpose insecticide]

[For indoor and outdoor use on ornamental plants and landscape ornamentals]

[For indoor and outdoor use as a premise spray]

[Residential and commercial use]

[For control of fungus gnats and mushroom flies on surfaces]

[LN 1% PY is a multi-purpose insecticide for use on indoor and outdoor premises [{} or] ornamental plants and landscape ornamentals.] [This product is not registered for use on plants or crops grown for food.]

### ACTIVE INGREDIENTS:

Pyrethrins .....	1.00%
OTHER INGREDIENTS .....	99.00%
TOTAL:	100.00%

## STOP – READ THE LABEL BEFORE USE KEEP OUT OF REACH OF CHILDREN WARNING

FIRST AID	
<b>If in eyes:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice</li></ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific Time (PT), seven days a week. During other times, call the poison control center at 1-800-222-1222.	

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear goggles, face shield, or safety glasses. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

### ENVIRONMENTAL HAZARDS

Do not apply within 15 ft of bodies of fresh water: lakes, reservoirs, rivers, permanent streams, marshes, natural ponds and commercial fishponds. A 15 ft buffer of uniform groundcover must exist between the application area and bodies of fresh water (uniform ground cover is defined as land which supports vegetation of > 2" throughout).

Do not apply within 60 ft of estuarine bodies of water. Estuarine water bodies are brackish, tidal water such as bays, mouths of rivers, salt marshes and lagoons.

This product is toxic to birds, fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Care must be taken to avoid runoff. Do not contaminate water by disposal of wastes.

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 foraging in the treatment area.

## DIRECTIONS FOR USE

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read entire label. Use strictly in accordance with label precautionary statements and directions.**

For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

### NONAGRICULTURAL 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, forests, nurseries, or greenhouses. Do not enter or allow people (or pets) to enter the treated areas until sprays have dried.

**IMPORTANT: Read entire DIRECTIONS FOR USE before using LN 1% PY.**

- Do not contaminate food or feedstuffs.
- Do not enter or allow others to enter until spray has dried.
- Do not apply this product in a way that will contact workers or other persons, either directly or through drift.

#### FOR THE CONTROL OF INSECTS SUCH AS:

Annual Bluegrass Weevil	Elm Leaf Beetle	Heliothis spp. (Ag. pests)	Psyllids
Ants*	European Pine Tip Moth	Japanese Beetle	Scale insects
Aphids	Fall Webworm	Katydids	Scaly leg mite
Amyworms	Firebrats	Lace Bugs	Silverfish
Bagworm	Fireworms	Leafhopper	Skippers
Blister Beetles	Flea Beetles	Leafrollers	Sowbugs
Cankerworms	Forest Tent Caterpillar	Leaftiers	Stink Bugs
Caterpillars	Fungus Gnats	Loopers	Spiders*
Chicken (red) mites	Fruit Flies	Lygus Mealy Bugs	Tarnished Plant Bug
Codling Moth	Grasshoppers	Millipedes	Thrips
Crickets	Greenhouse Thrips	Mites – Spider and Russet	Vinegar Flies
Crane Flies	Gypsy Moth (adults & larvae)	Mushroom Flies	Webworms
Depluming mite	Harlequin Bug	Northern fowl mite	Whiteflies
Earwigs			

\*Does not include public health pests such as fire, harvester, carpenter or pharaoh ants, and black widow, brown recluse or hobo spiders.

LN 1% PY is a contact spray and works only through contact action.  
 Mix LN 1% PY with water for spray applications, and dilute mixture can be applied with conventional hydraulic and air blast sprayers (including backpack).

**Outdoor Use on Ornamental Plants [Trees, shrubs, flowers, foliage plants, etc.]**

Apply LN 1% PY to control insects [refer to table for complete list] on the following outdoor ornamental plants, such as:

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

**Typical outdoor application rates for ornamentals**

Use Sites	LN 1% PY Concentration (fl. oz.) per Acre		Final volume (gal) to treat one acre
	low	High	
Ornamental plants Trees and Shrubs	0.10% (7.0) (10.2)	0.15% (10.6) (15.4)	55 80
Roses (outdoor)	0.08% (5.6) (8.2)	0.10% (7.0) (10.2)	55 80
Other ornamental plants	0.04% (2.8) (4.1)	--	55 80

Good spray coverage of all plant sites where pests are feeding is necessary for control.

Re-apply 1-2 times at intervals of 7-10 days as needed.

Pest habits and level of pest pressure determine retreatment need.

NEVER EXCEED LABEL RATES DUE TO PHYTOTOXICITY RISK.

Do not apply to plants in bloom as flower petals may be injured.

Do not spray very young plants (e.g., seedlings).

This product may not be used on plants with delicate leaves because of phytotoxicity

risk. If in doubt, perform a preliminary test on a few plants to ensure a lack of phytotoxicity.

Buffer spray water to pH 4.0-6.0 if necessary.

In order to reduce phytotoxicity risk the product has to be applied when the conditions allow easy and fast drying of spray dilution on plants (e.g. when the weather is dry and sunny). Morning applications are preferable.

**Indoor Use on Ornamental Plants [Trees, Shrubs, Flowers and Foliage Plants]**

For greenhouse grown ornamental, flowering and foliage plants

**Typical indoor application rates for ornamentals**

Use Site	LN 1% PY Concentrate	(Concentration) Gallons of water	
		low	High
Ornamental plants Trees and Shrubs	1 teaspoon	(0.10%) 1.3	(0.15%) 0.9
Roses (indoor)	1 teaspoon	(0.08) 1.6	(0.10%) 1.3
Other ornamental plants	1 teaspoon	(0.04%) 3.3	--

Do not apply more than 1 time per day.

Re-apply 1-2 times at intervals of 7-10 days as needed.

Pest habits and level of pest pressure determine retreatment need.

**NEVER EXCEED LABEL RATES DUE TO PHYTOTOXICITY RISK.**

Do not apply to plants in bloom as flower petals may be injured.

Do not spray very young plants (e.g., seedlings).

This product may not be used on plants with delicate leaves because of phytotoxicity risk. If in doubt, perform a preliminary test on a few plants to ensure a lack of phytotoxicity.

Buffer spray water to pH 4.0-6.0 if necessary.

In order to reduce phytotoxicity risk the product has to be applied when the conditions allow easy and fast drying of spray dilution on plants (e.g. when the weather is dry and sunny). Morning applications are preferable.

**[IMPORTANT NOTE:** Plant safety is an important consideration when using insecticides in a greenhouse. However, it is not possible to evaluate the phytotoxicity of LN 1% PY towards all plant varieties that may react differently to insecticides in different growth stages or under varying environmental conditions. Before making widespread applications of LN 1% PY treat a limited number of plants and observe for phytotoxicity over a 5-day period.]

**Turf Grass including Golf Course Tees, Greens, Fairways and Roughs:**

Used to Control Insect Pests on Golf Courses and Lawns in Landscaped Areas Around Residential, Institutional, Public, Commercial and Industrial Buildings, Parks, Recreational Areas and Athletic Fields.

Use 1 gallon of dilute LN 1% PY to treat 750-800 square feet. For turf grass, combine 10.6 fl. oz. of LN 1% PY with 55 gallons of water or 1 tablespoon (0.5 fl. oz.) of LN 1% PY with 2.6 gallons of water and apply the dilute mix at a rate of 750-800 square feet per gallon with conventional hydraulic sprayers or compressed air sprayers. LN 1% PY can be applied to the following pests:

For control of accessible, exposed stages of Annual bluegrass weevil, Ants\*, Armyworms, Crickets, Cutworms, Earwigs, Grasshoppers, Japanese beetles (adult), Millipedes, Mites, Pillbugs, Sod webworms, Sow bugs, Bluegrass billbug (adult), Chinch bugs, Black turfgrass ataenius (adult), Chiggers;

\*Does not include public health pests such as fire, harvester, carpenter and pharaoh ants, or black widow, brown recluse or hobo spiders.

Apply directly to pest.

Do not apply more than 1 time per day.

Re-apply 1-2 times at intervals of 7-10 days as needed.

Pest habits and level of pest pressure determine retreatment need.

**NEVER EXCEED LABEL RATES DUE TO PHYTOTOXICITY RISK.**

Do not spray very young plants (e.g., seedlings).

This product may not be used on plants with delicate leaves because of phytotoxicity risk. If in doubt, perform a preliminary test on a few plants to ensure a lack of phytotoxicity.

Buffer spray water to pH 4.0-6.0 if necessary.

In order to reduce phytotoxicity risk the product has to be applied when the conditions allow easy and fast drying of spray dilution on plants (e.g. when the weather is dry and sunny). Morning applications are preferable.

### PREMISE SPRAYS (Indoor and Outdoor):

#### **Crawling and Flying Insects:**

Apply LN 1% PY to control accessible, exposed stages of insects, including but not limited to: Ants\*, Blister Beetles, Caterpillars, Crickets, Earwigs, Firebrats, Fireworms, Flea Beetles, Grasshoppers, Leafhoppers, Lygus Mealy Bugs, Millipedes, Psyllids, Silverfish, Sowbugs, Stink Bugs, Spiders\*, Webworms, Crane Flies, Fungus Gnats, Fruit Flies, Gnats, Japanese Beetle, Katydid, Leafhopper, Leafroller, Loopers, Mushroom Flies, Skippers, Small Flying Moths, Vinegar Flies, Whiteflies.

\*Does not include public health pests such as fire, harvester, carpenter and pharaoh ants, or black widow, brown recluse or hobo spiders.

Dilute 1 part of LN 1% PY with 100 parts of water (8 teaspoons per gallon) and apply directly on the observed pest at the rate of 750-800 square feet per gallon of dilute spray. Repeat application as necessary.

#### **Crawling insects (including those in hard to reach harborages):**

Dilute 1 part of LN 1% PY with 100 parts of water (8 teaspoons per gallon) and apply directly on the observed pest at the rate of 750-800 square feet per gallon of dilute spray. Repeat application as necessary.

**[Insects in Animal Facilities:** Dilute 1 part of LN 1% PY with 100 parts of water (8 teaspoons per gallon) and apply within animal facilities [such as poultry houses] to control insects, including but not limited to: beetles, lice, northern fowl mite, chicken (red) mites, scaly leg mite and depluming mite). Apply to premise (indoors and outdoors) when animals are not present. If animals are present, do not apply to areas where animals can be contacted. Do not apply directly to animals.]

[Optional Table]

LN 1% PY	(Concentration) Gallons of water	Treated Area
8 teaspoons	(1%) 1	750-800 square feet

### STORAGE AND DISPOSAL

**DO NOT contaminate water, food, or feed by storage or disposal.**

**PESTICIDE STORAGE:** Store in original container. Keep away from open flame, sparks, heated surfaces, and avoid excessive heat (>130°F). Store in a cool, dry place inaccessible to children and pets.

**CONTAINER DISPOSAL: DO NOT** puncture or incinerate! Empty container by using the product according to the label directions. Non-refillable container. **If empty:** Offer container for recycling, if available, or place in trash if allowed by state and local regulations. **If partly filled:** Call your local solid waste agency for disposal instructions.

### **[WARRANTY**

Read the entire Directions for Use and Warranty before using this product. By using this product, user or buyer accepts the following warranty. The directions for use of this product are believed to adequate and must be followed carefully. It is impossible to eliminate all risks associated with the use of this product. Unintended consequences may result because of unknown factors. All such risks shall be assumed by the user or buyer. The seller is committed to providing high quality products. To the extent consistent with applicable law, the seller makes no warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label. To the extent consistent with applicable law, the manufacturer or the seller shall not be liable for indirect, special, incidental or consequential damages. To the extent consistent with applicable law, the exclusive remedy of the user or buyer shall not exceed the purchase price paid.]

[In Case of Emergency, call: 1-xxx-xxx-xxxx] [Made in USA]  
[Non-Emergency call: 1-xxx-xxx-xxxx]

LNouvel, Inc.  
4657 Courtyard Trail  
Plano, TX 75024  
EPA Reg. No. 87093-10

[BAR CODE AREA]

EPA Est. No. [XXXXXX -XX -XXX]

### **[Optional Label Claims]**

[Advanced Application Technology]  
[Advanced 3D-IPNS Application Technology]  
[Contains 3D-IPNS]  
[3D-IPNS Application Technology]  
[3D-IPNS application technology improves the contact between the insect and insecticide]  
[3D-IPNS application technology increases the contact between the insect and insecticide]  
[3D-IPNS application technology helps keep insect in treated zone]  
[3D-IPNS]  
[Formulated for effectiveness]  
[Delivers the insecticide to the pest]  
[Formulated with 3D-IPNS Application Technology]  
[3-dimensional application technology]  
[3D-IPNS Technology]  
[Designed to deliver the insecticide to the [pest][insect]]  
[Enhances the exposure profile of the treated species]  
[Unique formulation improves the coverage and contact of other insecticides that are mixed with this product]