

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75 767) WASHINGTON, DC 20460		EPA REGISTRATION N TERM OF ISSUANCE NAME OF PESTICIDE PRODUCT	DATE OF ISSUANCE
NOTICE OF PESTICIDE: <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>		REGISTRATION REREGISTRATION	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)			
<p>1. Registrant's Name: • <i>John Deere Company, Inc.</i> 2. Address: • <i>1000 E. Grand Avenue, Moline, IL 61265</i></p> <p><i>165-1228514</i> <i>18/2</i></p>			
<p>NOTE: Changes in labeling formula 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 U.S. EPA registration number.</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>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an endorsement or approval of this product by this 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>1. <i>Statement of the Registrant</i> The registrant, <i>John Deere Company, Inc.</i>, Moline, IL 61265, states that: a. The product is a <i>fungicide</i> and is registered under the Federal Insecticide, Fungicide, and Rodenticide Act. b. The product is registered under the name <i>John Deere Fungicide</i>. c. The product is used to control <i>fungi</i> on <i>John Deere</i> farm equipment. d. The product is not used on <i>John Deere</i> farm equipment. e. The product is not used on <i>John Deere</i> farm equipment. f. The product is not used on <i>John Deere</i> farm equipment. g. The product is not used on <i>John Deere</i> farm equipment. h. The product is not used on <i>John Deere</i> farm equipment. i. The product is not used on <i>John Deere</i> farm equipment. j. The product is not used on <i>John Deere</i> farm equipment. k. The product is not used on <i>John Deere</i> farm equipment. l. The product is not used on <i>John Deere</i> farm equipment. m. The product is not used on <i>John Deere</i> farm equipment. n. The product is not used on <i>John Deere</i> farm equipment. o. The product is not used on <i>John Deere</i> farm equipment. p. The product is not used on <i>John Deere</i> farm equipment. q. The product is not used on <i>John Deere</i> farm equipment. r. The product is not used on <i>John Deere</i> farm equipment. s. The product is not used on <i>John Deere</i> farm equipment. t. The product is not used on <i>John Deere</i> farm equipment. u. The product is not used on <i>John Deere</i> farm equipment. v. The product is not used on <i>John Deere</i> farm equipment. w. The product is not used on <i>John Deere</i> farm equipment. x. The product is not used on <i>John Deere</i> farm equipment. y. The product is not used on <i>John Deere</i> farm equipment. z. The product is not used on <i>John Deere</i> farm equipment.</p>			
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		BEST AVAILABLE COPY	
SIGNATURE OF APPROVING OFFICIAL		DATE	

- d. Use in food-handling establishments can imply use in U.S. Department of Agriculture (USDA) Meat and Poultry Plants. Therefore, either add the statement "Not for Use in USDA Meat and Poultry Plants," or submit an application to USDA requesting use in these areas. If granted, you can then indicate on the label that the product can be used in these areas.
- e. Delete the claim "Gives long lasting protection against reinestation" and replace it with "Residually Controls Fleas and Ticks on Dogs for 35 Days."
- f. Change the phrase "Active Ingredients" to the singular.
- g. Add the company name and address to the front label.
- h. Revise the paragraph beginning "Do not use in edible product areas" as follows:

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.

- i. Under "bedbugs," add the statement "Allow all treated articles to thoroughly dry before use."
- j. The Environmental Hazards section does not include any statements regarding bees or cautions about spray drift or runoff. The Environmental Hazards statements should be changed to:

This pesticide is highly toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Drift and runoff from treated areas may be hazardous to aquatic organisms in treated areas. Do not contaminate water when disposing of equipment washwaters. 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.

k. Add the following restrictions under "Directions For Use":

Do not allow spray treatment to drift on pasture land, cropland, poultry ranges or water supplies. Do not use on crops used for food, forage or pasture.

l. Add the following statements to the section on "Flies, Gnats Mosquitoes":

Under no conditions should open water be treated with this product. Not to be used within 100 feet (30 meters) of lakes and streams.

m. Please specify what size(s) of retail containers your product will be sold in (EPA Form 8570-1, Section III, 4.).

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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.

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosures

P.S. Following the word hospitals add in parenthesis, (non-patient areas).

Add the following precautions, "Do not apply this product in patient rooms or in any rooms while occupied by the elderly or infirm. Do not apply to classrooms when in use. Do not apply to old, sick or debilitated animals.

4 3 11

DURACIDE EC

A long lasting spray that provides knock down, broad spectrum insecticidal effectiveness, and excellent residual activity.

Kills Gypsy Moth Caterpillars, Japanese Beetles, Roaches, Ants, Fleas, Ticks, Lice and numerous other insects as listed.

For use outdoors and in homes and non-food areas of commercial buildings, institutions, warehouses theaters, office buildings, schools, motels, hotels, restaurants, food/feed processing establishments, hospitals, and kennels.

RECOMMENDED FOR AGRICULTURAL/COMMERCIAL USE

ACTIVE INGREDIENTS:

(3-phenoxyphenyl) methyl(+)cis/trans 3-(2,2-dichloroethyl)	
2,2-dimethyl cyclopropanecarboxylate:Permethrin.....	10.0%
INERT INGREDIENTS:.....	90.0%
TOTAL.....	100.0%

Cis/trans ratio: Max. 65% (+) trans and min. 35% (-) cis.
Contains 0.75 lbs. of permethrin per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Rear Panel for Additional Precautionary Statements

EPA REG NO 5602-

EPA EST NO 5602-01

ACCEPTED
with COMMENTS
in EPA Letter dated
1/15/84

100 100
100 100
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Under the Federal Insecticide, Fungicide and Rodenticide Act, this product, for the purpose of registration, is registered under EPA Reg. No. 5602-159

DIRECTIONS FOR USE

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

Keep container sealed when not in use. Protect from freezing. Shake or stir product thoroughly before using or reusing diluted emulsion.

To prepare dilutions, the concentrate should first be stirred or agitated well. Add the required amount of concentrate to water and blend thoroughly. Do not hold dilutions for more than 24 hours.

For maximum effectiveness, a combination of localized application and space treatment is recommended. Remove pets, birds and cover fish aquariums before spraying.

INDOOR USE AREAS

Do not use in edible product areas of food/feed processing plants, restaurants or other areas where food/feed is commercially prepared or processed. Do not use in serving area while food is exposed.

NON FOOD/FEED AREAS include (but not limited to) 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).

BAKERIES	HOSPITALS	RAILROAD CARS
BEVERAGE PLANTS	HOTELS, MOTELS	RESTAURANTS
CANNERIES	INDUSTRIAL INSTALL.	SCHOOLS
FLOUR MILLS	KENNELS	SHIPS' HOLDS
FOOD PROCESSING PLANTS	MEAT PACKING PLANTS	SUPERMARKETS
GRAIN ELEVATORS	HOMES	TRUCK TRAILER
GRANARIES	OFFICE BUILDINGS	WAREHOUSES

AS A SURFACE SPRAY TO CONTROL:

Cockroaches, Waterbugs, Palmetto Bugs, Ants, Silverfish, Firebrats, Spiders, Crickets, Millipedes, Centipedes,...., Bookbugs, Pillbugs, Clover mites, Cheese mites, Granary,...., Weevils, Rice weevils, Confused flour beetles, Rust red flour beetles, Sawtoothed grain beetles, Spider beetles, Cigarette beetles, Drugstore beetles, mealworms, grain mites and Caddellies.

BEST AVAILABLE COPY

For initial clean up of severe insect infestation, dilute at a rate of (1) part concentrate in 19 parts water (6.7 fluid ounces per gallon) (0.5%).

For normal infestations dilute (1) part concentrate in 100 parts water (1.33 ounces per gallon) (8 teaspoonful per gallon) (0.1%).

Use a good sprayer and adjusted to deliver a coarse wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored foods, around the base of machinery, and behind shelves and drawers. Spray bookcases for silverfish. Spray ant trails, nests and points of entry. If surface application only is to be used, spray floors, walls and other surfaces applying at a rate of (1) gallon to 750 square feet of surface.

TO CONTROL: Carpet Beetles, spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, closets and infested areas of shelving. Repeat treatment as needed.

TO CONTROL: Bedbugs, spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings and floors. Repeat treatment as needed.

TO CONTROL: Fleas and ticks (adult and larvae), thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames, and localized areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment.

AS A SPACE SPRAY:

For initial clean up of severe insect infestation, dilute at a rate of (1) part concentrate in 19 parts water (6.7 fluid ounces per gallon) (0.5%).

For normal infestations dilute (1) part concentrate in 100 parts water (1.33 ounces per gallon) (8 teaspoonful per gallon) (0.1%).

REST AVAILABLE COPY

Apply with mechanical or compressed air equipment (non-thermal) adjusted to deliver a fine mist. Close doors and windows and shut off ventilating systems. For rapid control of house flies, fruit flies, gnats, mosquitoes, skipper flies, wasps, hornets, bees, black flies, Anoumois grain moths and tobacco moths, direct spray at an upward angle distributing it uniformly through the entire area at a rate of (1) ounce per 1000 cubic feet of space. Keep area closed for at least 10 minutes. Vacate areas after treatment and ventilate and sweep up dead insects before occupying.

For rapid kill of exposed or accessible stages of other insects named on this label: Apply using conventional mechanical or compressed air equipment (non-thermal), following directions for space spraying. Apply the above dilutions at a rate of (1) ounce per 1000 cubic feet of space.

OUTDOOR USE AREAS

CORRALS	DRIVE-IN THEATERS	RECREATIONAL AREAS
FEED LOTS	DRIVE-IN RESTAURANTS	SWINE LOTS
GARDENS	GOLF COURSES	URBAN AREAS
PARKS	ZOO	HOMES
	PLAYGROUNDS	

For initial clean up of severe insect infestation, dilute at a rate of (1) part concentrate in 19 parts water (6.7 fluid ounces per gallon) (0.5%).

For normal infestations dilute (1) part concentrate in 100 parts water (1.33 ounces per gallon) (8 teaspoonful per gallon) (0.1%).

TREATMENT OF FLYING INSECTS

TO AID IN CONTROL OF: Mosquitoes, Wasps, Gnats, Skippers,
treat walls, ceilings, moldings, screens, door frames, window frames, beams, light cords and similar resting places.

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8 9 11

**FOR TEMPORARY REDUCTION OF ANNOYANCE
FLIES, GNATS, MOSQUITOES**

In drive-in restaurants, drive-in theaters, golf courses, urban areas, parks, playgrounds and other recreational areas. Dilute (1) part concentrate in 40 parts water (3.2 fluid ounces per gallon of water) (0.25%). Direct the spray into tall grass, shrubbery and around lawns, where these pests may hover or rest. Apply while the air is still and avoid wetting foliage. Application should be made prior to occupancy. Repeat as necessary.

In the treatment of corrals, feedlots, swine lots and zoos, cover any exposed water, drinking fountains and animal feed before application. Fill the area with mist and direct the spray into tall grass, shrubbery and around lawns where the above pests may hover or rest. Apply while the air is still and avoid wetting foliage. In zoos, prevent exposure of reptiles to the product. Repeat as necessary.

**GYPSY MOTH CATERPILLARS AND ADULTS, ADULT JAPANESE BEETLES,
EASTERN AND FOREST TENT CATERPILLARS**

To kill on contact; Dilute (1) part concentrate in 40 parts water (3.2 fluid ounces per gallon of water) (0.25%), apply to insure thorough coverage of upper and lower surfaces.

ON TREES AND SHRUBS: Treat trees and shrubs as soon as insects emerge (usually late spring). Treat leaves, branches and tree trunks evenly, making sure to penetrate dense foliage. Repeat application every 7 days as necessary for control.

ON ROSES AND IN FLOWER GARDENS: Treat plants and flowers as soon as insects appear. Spray plants and flowers making sure to penetrate dense foliage. Repeat application every 7 days or as necessary for control.

ANIMALS AND ANIMAL PREMISE USE

CATTLE BARNs
SWINE HOUSES
MILK ROOMS

POULTRY HOUSES
HORSE BARNs
KENNELS

DAIRIES....
MILKING PARLORS.

For initial clean up of severe insect infestation, dilute at a rate of (1) part concentrate in 19 parts water (6.7 fluid ounces per gallon) (0.5%).

For normal infestations dilute (1) part concentrate in 100 parts water (1.33 ounces per gallon) (8 teaspoonful per gallon) (0.1%).

LIVESTOCK SPRAY

(Dairy & Beef Cattle, Sheep, Goats, Swine, Horses, Poultry)

For Swine: Do not ship animals for slaughter within 5 days of last treatment.

To Control; horn flies, house flies, mosquitoes and gnats: Apply to wet the hair thoroughly, with particular attention to topline, underline, flanks, withers and other infested areas. Repeat treatment at intervals of 5 to 12 days for small insect populations or as needed when flies are emerging in large numbers.

To Control; stable flies, horse flies and deer flies: Apply a quart per adult animal to wet the hair thoroughly with particular attention to the legs, flanks, barrel, topline and other body areas commonly attacked by these flies. Repeat daily as needed.

To Control; face flies: Apply using spray which produces large wetting droplets. Apply to the face of the animal in the morning before releasing to pasture. Apply sufficiently to wet the face but not more than 1 1/2 ounces per animal. Repeat daily as needed.

To Control; poultry lice: Spray roosts, walls and nests or cages thoroughly. This should be followed by spraying over the birds with a fine mist.

To Control; bedbugs and mites in poultry houses: Spray crevices of roost poles, cracks in walls and cracks in nests where the bedbugs and mites hide.

To Control; sheep "tick" or ked: Thoroughly wet all portions of the body by dipping or spraying with sufficient pressure and with a nozzle adjustment to give penetration of the wool. Treat at a rate sufficient to wet the animal.

To Control; fleas, ticks, lice and Mange mites (adults & larvae) on dogs, and livestock: Thoroughly wet the animal by dipping, sponging or spraying. Allow animal to dry in a warm place without rinsing or toweling. Gives long lasting protection against reinfestation and applications at intervals of two to three weeks. Repeat applications as necessary. DO NOT TREAT PUPPIES LESS THAN FOUR WEEKS OLD.

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To Control; fleas, flies ticks lice and Mange mites (adults & larvae) in kennels, dog houses, runs, and yards: Thoroughly wet pest breeding or resting areas to run off. Most efficient pest control is accomplished when heavy pressure and good contact is achieved. Timing and frequency of application should be based on pest populations reaching nuisance levels, but accompanying manure removal and sanitation practices should precede sprays. Do not spray feed, food or water. Repeat as needed but not more often than once every two weeks.

IN CATTLE BARNs, HORSE BARNs, SWINE HOUSES, KENNELS, MILKING PARLORS, MILK ROOMS, DAIRIES AND POULTRY HOUSES: To control flies, mosquitoes and gnats;

For initial clean up of severe insect infestation, dilute at a rate of (1) part concentrate in 19 parts water (6.7 fluid ounces per gallon) (0.5%).

For normal infestations dilute (1) part concentrate in 100 parts water (1.33 ounces per gallon) (8 teaspoonful per gallon) (0.1%).

Apply as a fog or fine mist, directing the spray toward the ceiling and upper corners until the area is filled with mist. Use about 2 ounces per 1000 cubic feet of space. For best results, close doors and windows before spraying and keep closed for ten to fifteen minutes. Vacate the treated area and ventilate before reoccupying. Repeat treatment as necessary.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE AND SPILL PROCEDURES: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material, such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

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) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

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CONTAINERS ONE GALLON AND SMALLER: Do not reuse container. Wrap and discard in trash.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

CAUTION

Harmful if swallowed or absorbed through skin. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Remove and wash clothing before reuse. Avoid contamination of food and feed.

Full-faced gas mask with canister is recommended for general protection when applying indoors as a space spray or fogger.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Contact a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching back of the throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove person to fresh air. Apply artificial respiration if indicated.

IF ON SKIN: Remove contaminated clothing and wash affected areas with plenty of soap and water.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment washwater/dip solution.

PHYSICAL HAZARDS

Do not use or store near heat or open flame.

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