

Howard Johnson's

WEED & FEED CONTAINS SURGE® BROADLEAF HERBICIDE

Herbicide containing fertilizer, 2,4-D, mecoprop-p, dicamba and sulfentrazone

Not for sale, distribution or use in Nassau or Suffolk Counties in New York State

ACTIVE INGREDIENTS:

2,4-D, 2-ethylhexyl ester	1.153%
Mecoprop-p acid	0.174%
Dicamba acid	0.073%
Sulfentrazone	0.034%
OTHER INGREDIENTS:	98.566%
TOTAL	100.000%

THIS PRODUCT CONTAINS:


- 15.30 lbs. 2,4-dichlorophenoxyacetic acid equivalent per ton or 0.765%
 - 3.48 lbs. (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid equivalent per ton or 0.174%
 - 1.46 lbs. 3,6-dichloro-o-anisic acid equivalent per ton or 0.073%
 - 0.68 lbs. N-[2,4-dichloro-5-[4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]phenyl]methanesulfonamide per ton or 0.034%
- Isomer Specific by AOAC Methods
CAS Registry Numbers:
2,4-D, CAS# 1928-43-4
Mecoprop-p CAS# 16484-77-8
Dicamba CAS#1918-00-9
Sulfentrazone CAS #122836-35-5
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Distributed by:

Howard Johnson's Enterprises, Inc.
700 W. Virginia Street, Milwaukee, WI 53204

KEEP OUT OF REACH OF CHILDREN CAUTION

 READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

CAUTION: Causes moderate eye irritation. Harmful if swallowed. Avoid contact with eyes or clothing. When using this product, wear long-sleeved shirt, long pants, socks and shoes. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

First Aid	
If in eyes:	<ul style="list-style-type: none"> • 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. • Call a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-900-5556 for emergency medical treatment information.</p>	

ENVIRONMENTAL HAZARDS:

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water. Do not contaminate water when disposing of equipment washwater. When cleaning equipment, do not pour the washwater on the ground; spray or drain over a large area away from wells and other water sources.

GUARANTEED ANALYSIS

Net Weight 50 Lbs (22.68 kg)

Most cases of groundwater contamination involving phenoxy herbicides such as MCPP-p and 2,4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCPP-p and 2,4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until dust has settled. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

STORAGE & DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. **PESTICIDE STORAGE:** Store in original container and keep any bags containing unused product in a locked storage area inaccessible to children and domestic animals. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. **CONTAINER DISPOSAL:** For Paper Bags, Plastic Bags, and Nonrefillable Bulk Bags - Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill, or by incineration, or if allowed by State and local authorities by burning. If burned stay out of smoke.

WHERE TO USE:

Howard Johnson's Weed & Feed Contains Surge Broadleaf Herbicide is a herbicide containing 2,4-D, mecoprop-p, dicamba and sulfentrazone. This granular weed and feed provides plant nutrients and controls a broad spectrum of broadleaf weeds in turfgrass. Supplemental nitrogen, phosphorus, and potash should be applied according to soil tests or State Extension Service recommendations. Howard Johnson's Weed & Feed Contains Surge Broadleaf Herbicide is intended to be applied by noncommercial users,

lawn care operators, and landscape personnel. Cool season and warm season grasses established in institutional, ornamental, and residential sites may be treated.

Institutional sites are defined as turf areas around properties or facilities providing a service to public or private organizations; for example: hospitals, nursing homes, schools, museums, libraries, sport facilities (including golf courses), and office buildings may be treated. Ornamental sites include turfgrass established around residences, parks, streets, retail outlets, cemeteries, and institutional buildings. Finally, residential sites are defined as areas associated with the household or home life including, but not limited to apartment complexes, condominiums, and patient care areas of nursing homes, mental institutions, hospitals, or convalescent homes.

Howard Johnson's Weed & Feed Contains Surge Broadleaf Herbicide may be applied to newly seeded cool season turfgrass. Applications are recommended only after the third mowing or after the grass seedlings have tillered and have developed an adequate secondary root system.

Howard Johnson's Weed & Feed Contains Surge Broadleaf Herbicide may be applied to newly established warm season turfgrass. Treatments should be delayed until 3 to 4 weeks after the sodding, sprigging, or plugging operations, and low application rates (½ of the recommendation for established turfgrass) are suggested.

A uniform broadcast distribution of product on the treated area is essential. Do not exceed the specified application rate for any area and use care in the application of this product within the dripline of trees, shrubs, and other ornamentals. Do not apply product to bare ground.

Do not use this product on dichondra, carpetgrass, creeping bentgrass, or turf containing desirable clovers.

California: Make broadcast applications only between March 1 and September 1. While irrigation is necessary and important for plant growth, apply irrigation water efficiently so that no more than 125% of the net irrigation requirement is applied for any irrigation event. Apply efficient irrigations for six months following application of sulfentrazone containing products.

New York: Only one application per year of this product is allowed. This product is not allowed to be sold or used in Nassau or Suffolk Counties.

HOW MUCH TO APPLY:

For Kentucky bluegrass, fescue spp., perennial ryegrass, common bermudagrass, and zoysiagrass:

Apply 130-174 pounds of Howard Johnson's Weed & Feed Contains Surge Broadleaf Herbicide per acre of established turfgrass. Or, the equivalent application rates are 3.0-4.0 pounds of product per 1,000 square feet of turfgrass.

For New York State only:

Apply 130-166 pounds of Howard Johnson's Weed & Feed Contains Surge Broadleaf Herbicide per acre of established turfgrass. Or, the equivalent application rates are 3.0-3.8 pounds of product per 1,000 square feet of turfgrass.

For St. Augustinegrass, centipedegrass, hybrid bermudagrass, bentgrass, and colonial bentgrass:

Apply 87-109 pounds of Howard Johnson's Weed & Feed Contains Surge Broadleaf Herbicide per acre of established turfgrass. Or, the equivalent application rates are 2.0-2.5 pounds of product per 1,000 square feet of turfgrass.

The maximum application rate to turf is 1.4 pounds 2,4-D acid equivalent per acre per application per site. The maximum number of broadcast applications per treatment site is 2 per year. Sequential or follow-up applications may be required for dense infestations of perennial and biennial weeds. Also, adverse environmental conditions prior or after application may reduce the effectiveness. If required, the treatment interval between the first and second applications should be approximately 30 days.

Drop spreaders, rotary spreaders, and other granular equipment should be calibrated for accurate and uniform applications of this product. Calibrate the equipment by applying the product over a measured or known area and adjust the equipment according to the recommendations of the equipment manufacturer. **APPLICATION SUGGESTIONS:**

1. Spring and fall applications are recommended for the best control. However, Howard Johnson's Weed & Feed Contains Surge Broadleaf Herbicide can be applied any time broadleaf weeds are present and actively growing.
2. Mow the turfgrass 1 to 2 days before application.
3. Water the turfgrass thoroughly (>1/2 inch) at least 1 to 2 days before application.
4. Schedule applications in the morning when dew is present. Or, sprinkle or irrigate lightly (<1/4 inch) before application to provide maximum control.
5. Rainfall or irrigation within 24 hours after application may reduce the effectiveness. Do not irrigate or water the turfgrass within 24 hours after application.

CALIBRATION INSTRUCTIONS:

To provide proper distribution, calibrate spreader before application. For 4.0 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 250 square feet and adjust to apply at the rate of 1 pound of product per 250 square feet.

DISTRIBUTION AND SPREADER PATTERNS:

Always apply with a properly calibrated rotary or drop type fertilizer spreader to distribute the granules evenly. Never apply by hand.

Coverage - To determine how much you need to apply, multiply the length of your lawn by its width. This equals your total square footage. Deduct all non-lawn areas (house, gardens, etc.).

SINGLE PASS DISTRIBUTION:

For best results, apply this product evenly and uniformly avoiding streaking, skips or overlaps.

1. For rotary spreaders, operate at intervals corresponding to the swath width. For drop spreaders, overlap the wheel tracks to ensure complete coverage.
2. First, spread the borders of the lawn. Then apply this product to the center with straight line passes
3. Walk at a steady pace to ensure even coverage. Close the spreader opening when turning to change directions or when stopping.

USE PRECAUTIONS:

Do not use this product on dichondra, carpetgrass creeping bentgrass, or turfgrass containing desirable clover. Do not apply this product to newly seeded grasses until well-established or after the third mowing. Do

not use this product on flowers, vegetables, groundcovers, gardens or landscape plantings including shrubs and trees. Do not exceed specified dosage for any area. Do not use this product on 'Floritam' St. Augustinegrass.

Keep this product off sidewalks, patios, driveways, etc. This fertilizer may contain iron which will stain concrete and painted surfaces. If it comes in contact with concrete surfaces, sweep off immediately before flushing with water. If concrete is wet when contact occurs, staining may be impossible to prevent. Be careful when using rotary spreaders which scatter fertilizer beyond lawn edge and onto concrete.

WEEDS CONTROLLED:

Dandelion, chickweed, plantain, and clover are controlled effectively with Howard Johnson's Weed & Feed Contains Surge Broadleaf Herbicide. A partial list of susceptible weeds is shown below.

- BROADLEAF WEEDS -

Annual yellow sweetclover, Aster, Austrian fieldcress, Bedstraw, Beggarticks, Betony/Florida, Bird vetch, Bitter wintercress, Bittercress; hairy, Bitterweed, Black-eyed Susan, Black medic, Blackseed plantain, Blessed thistle, Bloodflower milkweed, Blue lettuce, Blue vervain, Bracted plantain, Bristly oxtongue, Broadleaf dock, Broadleaf plantain, Buckhorn plantain, Bulbous buttercup, Bull thistle, Bullnettle, Burclover, Burdock, Burning nettle, Burweed, Buttercup, Buttonweed, Canada thistle, Carolina geranium, Carpetweed, Catchweed bedstraw, Catnip, Catsear, Chickweed, common, Chickweed; mouseear, Chicory, Cinquefoil, Clover, crimson, Clover; hop, Clover; red, Clover; strawberry, Clover; sweet, Clover; white, Clover; creeping jenny, Cudweed, Curly dock, Daisy, English, Daisy fleabane, Daisy; oxeye, Dandelion, Diarrhea, Dollarweed, False dandelion, Falseflax, False sunflower, Florida pusley, Galinsoga, Goldenrod, Ground ivy, Gumweed/Hairy fleabane, Hawkweed, Healall, Heartleaf drymary, Heath aster, Henbit, Hoary cress, Hoary plantain, Hoary vervain, Knawel, Knotweed, Lambsquarters, Lespedeza, Mallow, Matchweed, Mexicanweed, Milk vetch, Mouseear hawkweed, Mugwort, Narrowleaf plantain, Nettle, Orange hawkweed, Oxalis Parsley-piert, Parsnip, Pearlwort, Pepperweed, Pigweed, Pinewoods bedstraw, Plains coreopsis, Plantain, Poison ivy, Poison oak, Poojoe, Prairie sunflower, Prostrate knotweed, Prostrate pigweed, Prostrate spurge, Puncturevine, Purslane; common, Ragweed, Red sorrel, Redroot pigweed, Redstem filaree, Rough cinquefoil, Russian pigweed, Scarlet pimpernel, Sheep sorrel, Shepherdspurse, Slender plantain, Smallflower galinsoga, Smooth dock, Smooth pigweed, Sorrel, Sowthistle, Spanishneedles, Speedwell, Spiny amaranth, Spiny sowthistle, Spotted catsear, Spotted spurge, Spurweed, Strawberry; India mock, Tall nettle, Tansy ragwort, Tansy mustard, Thistle, Trailing crownvetch, Tumble mustard, Tumble pigweed, Venice mallow, Virginia buttonweed, Virginia pepperweed, Wavyleaf bullthistle, Western clematis, Wild aster, Wild carrot, Wild four-o'clock, Wild garlic, Wild geranium, Wild lettuce, Wild mangold, Wild onion, Wild rape, Wild strawberry, Wild vetch, Woodsorrel, Woolly crotton, Woolly plantain, Wormseed, Yarrow, Yellow rocket, Yellowflower pepperweed and other broadleaf weeds

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>.

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IMPORTANT: Read this Limited Warranty and Disclaimer before buying or using this product. By opening and using this product, buyer and all users agree to accept the terms of this Limited Warranty and Disclaimer in their entirety and without exception. If the terms are not acceptable, return this product unopened immediately to the point of purchase, and the purchase price will be refunded in full. It is impossible to eliminate all risks inherently associated with use of this product. Damage to the treated article, ineffectiveness, or other unintended consequences can result from use of the product under abnormal conditions such as weather, presence of other materials, or the manner of use or application, etc. Such factors and conditions are beyond the control of the manufacturer, and BY PURCHASING AND USING THIS PRODUCT THE BUYER AND ALL USERS OF THIS PRODUCT AGREE TO ACCEPT ALL SUCH RISKS. Buyer and all users further agree to assume all risks of loss or damage from the use of the product in any manner that is not explicitly set forth in or that is inconsistent with label instructions, warnings and cautions.

The manufacturer warrants only that this product conforms to the chemical description given on the label, and that the product is reasonably suited for the labeled use when applied according to the directions for use, subject to the inherent risks described below. THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY EXPRESSLY DISCLAIMED. THE EXCLUSIVE REMEDY OF BUYER AND ALL USERS OF THIS PRODUCT, AND THE EXCLUSIVE LIABILITY OF THE MANUFACTURER, FOR ANY AND ALL LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF OR THE REPAYMENT OF THE PURCHASE PRICE FOR THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO CASE SHALL THE MANUFACTURER BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. The Manufacturer must be promptly notified in writing of any claims, whether based in contract, tort, negligence, strict liability, or otherwise, to be eligible to receive either remedy stated above.

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