

Howard Johnson's VIPER® WEED & FEED

THIS PRODUCT IS A PREMIUM GRADE
HERBICIDE AND TURF FOOD COMBINATION
WHICH CONTROLS A WIDE SPECTRUM OF
BROADLEAF WEEDS WHILE PROVIDING
BOTH FAST AND LONG FEEDING ACTION.

CONTAINS 2,4-D, MECOPROP-p AND DICAMBA

ACTIVE INGREDIENTS:

Isocetyl (2-ethylhexyl) Ester of 2,4-Dichlorophenoxyacetic Acid*	1.077%
2,4-Dichlorophenoxyacetic Acid*	0.146%
(+)-R-2-(2-Methyl-4-Chlorophenoxy) propionic Acid**‡	0.287%
Dicamba (3,6-Dichloro-o-Anisic Acid)***	0.070%

OTHER INGREDIENTS:

	98.420%
TOTAL:	100.000%

Isomer Specific Method, Equivalent to:

*2,4-Dichlorophenoxyacetic Acid (Total)	0.860%
**(+)-R-2-(2-Methyl-4-Chlorophenoxy) propionic Acid	0.287%
***3,6-Dichloro-o-Anisic Acid	0.070%

‡CONTAINS THE SINGLE ISOMER FORM OF MECOPROP-p

Viper is a Registered Trademark of Nufarm Americas Inc.

EPA REG. NO. 228-413-32802

EPA EST. NO. 32802-MO-1(B), 9240-WA-1 (W)

First letter of bag code shows establishment where manufactured.

Distributed by:

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

KEEP OUT OF REACH OF CHILDREN
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wear long pants, long-sleeved shirt, socks and shoes when applying this product. After using this product, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. The maximum number of broadcast applications per treatment site is 2 per year. Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until dust has settled.

FIRST AID	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
IF IN EYES	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15 to 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.
HOT LINE NUMBER	
You may also contact 1-877-325-1840 for emergency medical treatment information	

ENVIRONMENTAL HAZARDS

Drift or runoff may adversely affect nontarget plants. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters nor pour the washwater on the ground; spray or drain over a large area away from wells and other water sources.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D and MCPP-p have been associated with mixing/loading and disposal sites. Caution should be exercised when handling these phenoxy pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or 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.

GUARANTEED ANALYSIS

Net Weight 50 lbs (22.68)

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 USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

VIPER® WEED AND FEED is a stable mixture of four herbicides. It is for use on Ornamental Turf lawns (Residential, Industrial and Institutional), Parks, Cemeteries, Athletic Fields and Golf Courses (Fairways, Aprons, Tees and Roughs) and similar turf areas.

This product may be used on Bahia, common Bermuda, Blue Grass, Centipede, Fescue, Rye, St. Augustine, and Zoysia grass. DO NOT USE on Dichondra and Carpet grass. DO NOT USE this product where desirable clovers are present or allow the product to "wind drift" onto flowers, vegetables, ornamentals, shrubs, trees or other desirable plants.

WHEN TO APPLY: Best results are obtained when weeds are growing actively in spring or early fall. Avoid contact with desirable shrubs, plants, vegetables, or flowers; especially when applying with a rotary (spinner) type spreader. Do not reseed for at least 3 to 4 weeks after application. Do not apply to newly seeded or sodded lawn until after 3 mowings. For optimum results (1) Avoid mowing 1 to 2 days before and after application; (2) Apply when grass is moist (after a rain sprinkling or dew); (3) Avoid unnecessary disturbances, including watering of treated areas for 48 hours after application. Watering will wash off weed killing material; and (4) Avoid applying if rainfall is expected within 48 hours following treatment. Possible retreatment in approximately 30 days may be necessary if lawn is heavily overrun with weeds or if adverse low moisture conditions prevail and weeds are in a state of poor growth. Do not exceed recommended rates because damage to turf may occur.

NOTE: When applying to Southern Grasses - under conditions of inadequate moisture, high temperature and high humidity, over-application may cause minor transitory discoloration on Centipede and St. Augustine grasses. It is recommended that during hot, dry conditions, application rates should be reduced 50% to avoid possible dehydration or browning of grass.

HOW TO APPLY: This 50 pound bag should be used on 12,500 square feet. Apply evenly with a lawn spreader as a one pass application. A two pass application, criss-crossing the area at half the rate each time is equal to one application.

This product is designed to promote lush green growth in lawns and controls many broadleaf weeds such as:

Alder	Common mullein	Horsenettle	Prostrate knotweed	Tansy ragwort
Annual yellow sweet clover	Common sowthistle	Horsetail	Prostrate pigweed	Tanweed
Artichoke	Corn	Indiana mallow	Prostrate spurge	Tarweed
Aster	Chamomile	Ironweed	Prostrate vervain	Thistle
Austrian fieldcress	Creeping jenny	Jewelweed	Puncture vine	Tick trefoil
Bedstraw	Crimson clover	Jimsonweed	Purslane	Toadflax
Beggartick	Cudweed	Kochia	Ragweed	Trailing Crownvetch
Biden	Curly dock	Knawel	Red clover	Tumble mustard
Bindweed	Curly indigo	Knotweed	Redroot pigweed	Tumble pigweed
Bird vetch	Dandelion	Lambsquarter	Red sorrel	Tumbleweed
Bitterweed	Dead nettle	Lespedeza	Redstem filaree	Velvet leaf
Bitter wintercress	Dock	Locoweed	Rough cinquefoil	Venice mallow
Black-eyed Susan	Dogbane	Lupine	Rough fleabane	Veronica
Black medic	Dogfennel	Mallow	Roundleaved marigold	Vervain
Black mustard Blackseed	Elderberry	Marshelder	Rush	Vetch
plantain Blessed thistle	English daisy	Matchweed	Russian pigweed	Virginia buttonweed
Blue lettuce	Fall dandelion	Mexicanweed	Russian thistle	Virginia creeper
Blue vervain	False dandelion	Milk vetch	St. Johnswort	Virginia pepperweed
Box elder	False flax	Milkweed bloodflower	Scarlet pimpernel	Wavyleaf bulthistle
Bracted plantain	False sunflower	Mugwort	Scotch thistle	Western clematis
Brassbuttons	Fiddleneck	Morningglory	Sheep sorrel	Western salsify
Bristly oxtongue Broadleaf dock Broadleaf plantain	Field bindweed	Mouseear chickweed	Shepherdspurse	White clover
Broomweed	Field pansy	Mustard	Slender plantain	White mustard
Buckhorn	Flea bane (daisy)	Narrowleaf plantain	Smallflower galinsoga	Wild aster
Buckhorn plantain	Flixweed	Narrowleaf vetch	Smartweed	Wild buckwheat
Bulbous buttercup	Florida betony	Nettle	Smooth dock	Wild carrot
Bull nettle	Florida pusley	Orange hawkweed	Smooth pigweed	Wild four-o'clock
Bull thistle	Frenchweed	Oxalis	Sneezeweed	Wild garlic
Burdock	Galinsoga	Oxeye daisy	Southern wild rose	Wild geranium
Burning nettle	Garlic mustard	Parsley-piert	Sowthistle	Wild lettuce
Bur ragweed	Goathead	Parsnip	Spanishneedle	Wild marigold
Burweed	Goatsbeard	Pearlwort	Spatterdock	Wild onion
Buttercup	Goldenrod	Pennywort	Speedwell	Wild parsnip
Canada thistle	Gumweed	Peppergrass	Spiny Amaranth	Wild radish
Carolina geranium	Hairy bittercress	Pepperweed	Spiny cocklebur	Wild rape
Carpetweed	Hairy fleabane	Pigweed	Spotted catsear	Wild strawberry
Catchweed bedstraw	Hawkweed	Pineywoods bedstraw	Spotted knapweed	Wild sweet potato
Catsear	Healall	Plains coreopsis	Spotted spurge	Wild vetch
Catnip	Heartleaf drymary	Plantain	Spurge	Willow
Chickweed	Hedge bindweed	Poison hemlock	Spurweed	Witchweed
Chicory	Hedge mustard	Poison ivy	Stinging nettle	Woolly morningglory
Cinquefoil	Hemp	Poison oak	Stinkweed	Woodsorrel
Clover	Henbit	Pokeweed	Stitchwort	Woolly croton
Cockle	Hoary cress	Poorjoe	Strawberry clover	Woolly plantain
Cocklebur	Hoary plantain	Povertyweed	Sumac	Wormseed
Coffeebean	Hoary vervain	Prickly lettuce	Sunflower	Yarrow
Coffeeweed	Honeysuckle	Prickly sida	Sweet clover	Yellow rocket
Common chickweed	Hop clover	Primrose	Tail nettle	Yellowflower pepperweed,
			Tail vervain	and other broadleaf weeds
			Tansy mustard	

SPREADER SETTINGS

Apply at the listed pounds per 1000 square feet		
	Cone setting	4 lbs
Spyker 76-22		4.5
Lesco 021820	0.25 closed	E 1/2
SR 2000	6	N
Lely HR	II-B	6
PSB Bigfoot	A.5	K 1/2
AccPro2000	6	M 1/2
Vison 203		17

The following settings are approximate for applying contents of this package at a suggested rate of 4 pounds per 1,000 square feet. Settings are based on an average walking speed. Reduce setting for slower speed; raise setting for higher speed. Check your spreader on 250 square feet and adjust to apply at the rate of 1 pound per 250 square feet.

Sweep (do not wash) all fertilizer materials from surfaces immediately after application, because certain fertilizer ingredients can cause permanent stains. Wash out spreader after each use and allow it to dry thoroughly. Treat any exposed metal spreader areas with oil to reduce corrosion.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Always use original container to store pesticides in a secured warehouse or storage building. Do not stack more than two pallets high. Do not store near open containers of fertilizer, seed or other pesticides. Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. If container is damaged or if pesticide has leaked, clean up all spilled material. Improper disposal of excess pesticide, spray mixtures or rinsate is a violation of Federal law and may contaminate ground-water. 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: 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 away from smoke.

WARRANTY DISCLAIMER

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