

Spring Valley Plus Viper Weed & Feed

15-0-2

Guaranteed Fertilizer Analysis:

Nitrogen (N)..... 15.00%
 15.00% Urea Nitrogen

Soluble Potash (K₂O) 2.00%
 Derived from: Sulfate of Potash, and Urea.

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

Weeds contacted by this product gradually die and disappear from the lawn.

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

EPA Reg. No. 228-413-41124

EPA Est. No. 41124-WI-1 (WI) 41124-OH-1 (OH)

First letter of production batch code indicates producing establishment

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
 For Medical Emergencies Only, Call (877) 325-1840

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are any waterproof materials. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

All mixers, loaders, applicators, flaggers, and other handlers must wear:

- long-sleeved shirt and long pants,
 - shoes and socks, plus
 - chemical-resistant gloves (except for applicators using groundboom equipment)
- 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.

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. If pesticide gets on skin, wash immediately with soap and water.
- 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.

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

- 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

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.

ENVIRONMENTAL HAZARDS

This pesticide may be toxic to fish and aquatic invertebrates and may be adversely affect non-target plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

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.

Do not enter or allow people (or pets) to enter the treated area until dusts have settled. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. Do not use this product on or near desirable plants, including within the dripline of the roots of desirable trees and shrubs, since injury may result.

This product 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.

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.

SPREADER SETTINGS ONE PASS APPLICATION ^o	
MAKE	SETTING
Central Calibrated	5
Cyclone Broadcast	3-3/4
Jackson	5
Sears Broadcast	3
Sears	5
Scotts Calibrated	4

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.

Viper is a registered trademark of Nufarm Americas Inc. All other trademarks are the property of their respective owners. This product is protected by U.S. Patent No. 6,579,831. No license granted under any non-U.S. Patent(s).

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

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

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. A lawn typically will utilize 1 to 4 pounds of nitrogen per 1,000 square feet per growing season. When used as directed, this product will supplement your regular fertilizer program by providing .76 pounds of nitrogen per 1,000 square feet and herbicide to control listed weeds. Please consult your local extension office for questions regarding a regular fertilizer program. *Based on Inert fertilizer claimed.

Limitations: The maximum rate per application is 4 pounds per 1,000 square feet, limited to 2 applications per year. The maximum seasonal rate is 8 pounds per 1,000 square feet. Minimum of 30 days between applications

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.

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 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: Nonrefillable container. Do not reuse or refill this container.

Completely empty bag into application equipment, then offer for recycling if available, or 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.

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

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If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded. (RV121509)

DISTRIBUTED BY:

Vogel Seed & Fertilizer, Inc.
 1891 Spring Valley Road
 Jackson, WI 53037

NET WEIGHT: 50 lb / 22.7 kg

ITEM NO. 2015808

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