

241-414

4/26/2011

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7504P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Registration
 Number:

 241-414

Date of Issuance:

 APR 26 2011

NOTICE OF PESTICIDE:
 Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance: **Unconditional**

Name of Pesticide Product:
OneStep Herbicide

Name and Address of Registrant (include ZIP Code):
BASF Corporation
P.O. Box 13528
Research Triangle Park, NC 27709

Note: Changes in labeling 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 EPA registration number.

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. Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.

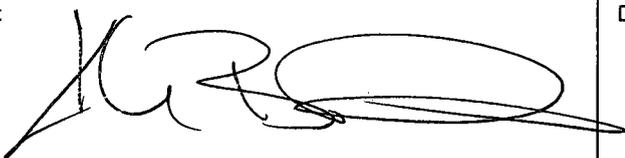
EPA received a label amendment request submitted on April 4, 2011. EPA grants this request under the authority of section 3(c)(5) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. With this accepted labeling, all requirements set forth in the Reregistration Eligibility Decision (RED) for **Imazapyr** have been satisfied. Therefore, EPA reregisters the product listed above. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Submit one (1) copy of final printed labeling. Amended labeling will supersede all previously accepted labels. A copy of your label stamped "Accepted" is enclosed for your records. Products shipped after twelve (12) months from the date of this Notice or the next printing of your label, whichever occurs first, must bear the new revised label.

If you have any questions regarding this Notice, please contact Mindy Ondish at (703)605-0723 or at ondish.mindy@epa.gov.

Signature of Approving Official:

Kable Bo Davis
Product Manager 25
Herbicide Branch
Registration Division (7505P)



Date:

 APR 26 2011

2009



For control of weeds on specified noncrop use sites and forestry sites

Active Ingredients:

isopropylamine salt of imazapyr: (2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-pyridinecarboxylic acid)*	8.36%
isopropylamine salt of glyphosate: (N-(phosphonomethyl)glycine)	22.13%

Other Ingredients:	<u>69.51%</u>
Total:	100.00%

*Equivalent to 6.82% 2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-pyridinecarboxylic acid or 0.637 pounds per gallon and 16.40% N-(phosphonomethyl)glycine acid or 1.531 pounds per gallon.

EPA Reg. No. 241-414

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN
WARNING/AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See inside for complete **First Aid, Precautionary Statements, Directions for Use, Conditions of Sale and Warranty**, and state-specific crop and/or use site restrictions.

In case of an emergency endangering life or property involving this product, call day or night, 1-800-832-HELP (4357).

ACCEPTED

APR 26 2011

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under
EPA Reg. No. 241-414

Net Contents:

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709

 **BASF**
The Chemical Company

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after first 5 minutes; then continue rinsing eyes. • Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
HOTLINE 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 BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357).	
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.	

Precautionary Statements

Hazards to Humans and Domestic Animals

WARNING. Causes substantial but temporary eye injury. Harmful if absorbed through skin. **DO NOT** get in eyes or on clothing. Avoid contact with skin or clothing.

Personal Protective Equipment (PPE)

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

Mixers, loaders, applicators, and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves (except for pilots)
- Protective eyewear

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them.

Engineering Controls

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands with plenty of soap and water 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.
- 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.

Environmental Hazards

This product is toxic to plants. Drift and runoff may be hazardous to plants in water adjacent to treated areas. **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 washwater or rinsate. See **Directions For Use** for additional precautions and requirements.

Physical and Chemical Hazards

Spray solutions of **OneStep® herbicide** should be mixed, stored, and applied only in stainless steel, fiberglass, plastic, and plastic-lined steel containers.

DO NOT mix, store, or apply **OneStep** or spray solutions of **OneStep** in unlined steel (except stainless steel) containers or spray tanks.

Directions For Use

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

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.

For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

OneStep® herbicide must be used only in accordance with directions and restrictions on the leaflet label. Keep containers closed to avoid spills and contamination.

OneStep may be applied using helicopters, ground-operated sprayers, low-volume, hand-operated spray equipment such as backpack and pump-up sprayers.

Observe all cautions and limitations in the package labels of products used in combination with **OneStep**.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

The requirements in this box apply to use on trees being grown for sale or other commercial use, or for commercial seed production, or for production of timber or wood products, or for research purposes.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of **48 hours**.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material
- Protective eyewear

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 (WPS) 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.

Noncrop weed control is not within the scope of the Worker Protection Standard. See the **Product Information** section of this label for a description of noncrop sites.

DO NOT enter or allow others to enter treated areas until sprays have dried.

STORAGE AND DISPOSAL

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

Pesticide Storage

DO NOT store below 10° F.

Pesticide Disposal

Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Handling

Nonrefillable Container. DO NOT reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Triple rinse containers small enough to shake (capacity ≤ 5 gallons) as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Triple rinse containers too large to shake (capacity > 5 gallons) as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Refillable Container. Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

(continued)

STORAGE AND DISPOSAL (continued)

Container Handling (continued)

Triple rinse as follows: To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

When this container is empty, replace the cap and seal all openings that have been opened during use; return the container to the point of purchase or to a designated location. This container must only be refilled with a pesticide product. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn-out threads and closure devices. Check for leaks after refilling and before transport. **DO NOT** transport if this container is damaged or leaking. If the container is damaged, or leaking, or obsolete and not returned to the point of purchase or to a designated location, triple rinse emptied container and offer for recycling, if available, or dispose of container in compliance with state and local regulations.

In Case of Emergency

In case of large-scale spillage regarding this product, call:

- CHEMTREC 1-800-424-9300
- BASF Corporation 1-800-832-HELP (4357)

RESTRICTIONS

DO NOT use on food or feed crops. **DO NOT** use on Christmas trees. **DO NOT** treat irrigation ditches, or water used for crop irrigation or for domestic uses. Keep from contact with fertilizers, insecticides, fungicides, and seeds to prevent unintentional exposure of desirable vegetation to **OneStep® herbicide**. **DO NOT** apply or drain or flush equipment on or near sensitive desirable plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots. **DO NOT** side trim desirable vegetation with this product. Prevent drift of spray to desirable plants.

Clean application equipment after using this product by thoroughly flushing with water.

Product Information

OneStep is an aqueous solution containing surfactant. It is mixed in water and applied as a postemergence spray for control of most annual and perennial grasses, broadleaf weeds, vines and brambles, and hardwood brush and trees for forestry site preparation.

OneStep may be applied on forestry sites that contain areas of temporary surface water caused by the collection of water between planting beds, in equipment ruts, or in other depressions created by forest management activities, except in the states of California and New York. It is permissible to treat drainage ditches, intermittent drainage,

intermittently flooded low-lying sites, seasonally dry flood plains, and transitional areas between upland and lowland sites when no water is present, except in the states of California and New York. Only the edge of drainage ditches can be treated for drainage ditches that contain water. It is also permissible to treat marshes, swamps, and bogs after water has receded, as well as seasonally dry flood deltas, except in the states of California and New York. **DO NOT** make applications to natural or man-made bodies of water such as lakes, reservoirs, ponds, streams, rivers and canals.

OneStep is also registered for control of undesirable vegetation along forest roads, non-irrigation ditchbanks, and the establishment and maintenance of wildlife openings except in the state of California. See **DIRECTED FOLIAR OR SPOT SPRAYS** and **SITE PREPARATION TREATMENTS** for use directions.

SYMPTOMOLOGY

OneStep is readily absorbed through foliage and roots and is translocated rapidly throughout the plant with accumulation in the meristematic regions. Treated plants stop growing soon after spray application. Chlorosis first appears in the youngest leaf tissue. In perennials, the herbicide is translocated into the roots, thus preventing most resprouting. The foliage of most woody plants, brush, and trees will normally display color change and necrosis within several weeks after application.

SPRAY DRIFT REQUIREMENTS

Aerial Applications

- Applicators are required to use a coarse or coarser droplet size (ASABE S572) or, if specifically using a spinning atomizer nozzle, applicators are required to use a volume mean diameter (VMD) of 385 microns or greater for release heights below 10 feet. Applicators are required to use a very coarse or coarser droplet size or, if specifically using a spinning atomizer nozzle, applicators are required to use a VMD of 475 microns or greater for release heights above 10 feet. Applicators must consider the effects of nozzle orientation and flight speed when determining droplet size.
- Applicators are required to use upwind swath displacement.
- The boom length must not exceed 60% of the wingspan or 90% of the rotor blade diameter to reduce spray drift.
- Applications with wind speeds less than 3 mph and with wind speeds greater than 10 mph are prohibited.
- Applications into temperature inversions are prohibited.

Ground Boom Applications

- Applicators are required to use a nozzle height below 4 feet above the ground or plant canopy and coarse or coarser droplet size (ASABE S572) or, if specifically using a spinning atomizer nozzle, applicators are required to use a volume mean diameter (VMD) of 385 microns or greater.
- Applications with wind speeds greater than 10 mph are prohibited.
- Applications into temperature inversions are prohibited.

Mixing and Application Instructions

BROADCAST APPLICATIONS

Helicopter Spray Equipment

Thoroughly mix the specified amount of **OneStep® herbicide** in 5 to 30 gallons of water per acre and uniformly apply with properly calibrated aerial equipment. All precautions should be taken to minimize or eliminate spray drift. Applications should not be made under windy or gusty conditions. The use of controlled droplet booms and nozzle configurations is recommended. A drift control agent may be added at the recommended label rate except when applying with a **Microfoil® boom**, **Thru-Value® boom** or other similar equipment. A foam reducing agent may be added at the recommended label rate, if needed.

RESTRICTIONS: DO NOT make applications by fixed-wing aircraft. Maintain adequate buffer zones. Thoroughly clean application and mixing equipment, including landing gear, immediately after use. Prolonged exposure of this product to uncoated steel (except stainless steel) surfaces may result in corrosion and failure of the exposed part.

Ground-Operated Spray Equipment

Thoroughly mix and apply the specified amount of **OneStep** in 5 to 60 gallons of water per acre. A drift control agent and a foam-reducing agent may be added at the recommended label rates, if needed. If desired, a spray pattern indicator may be added at the recommended label rate. For best results, uniformly cover the foliage of the vegetation to be controlled with the spray solution.

RESTRICTIONS: DO NOT spray under windy or gusty conditions. Maintain adequate buffer zones. Clean application and mixing equipment after using this product by thoroughly flushing it with water.

DIRECTED FOLIAR OR SPOT SPRAYS

In addition to broadcasting the mixed herbicide solution across an entire acre, the solution can also be directed to individual clumps of herbaceous and woody weeds or to spots within the acre. Backpack sprayers and ground-operated equipment with hoses are generally used for directed foliar or spot sprays. Specialized helicopter equipment can also be used for this purpose. When making directed or spot spray applications with backpack sprayers, ground-operated equipment, helicopters, or similar equipment that permits directed application, thoroughly mix a solution of 5 to 10 percent by volume of **OneStep**.

To mix the spray solution, add the volume of **OneStep** indicated in the table below to the desired amount of water.

SPRAY SOLUTION MIXING GUIDE

Solution Volume	OneStep Percentage of Total Solution Volume	
	5	10
1 gallon	6.4 fl ozs	12.8 fl ozs
5 gallons	2 pints	4 pints
10 gallons	4 pints	8 pints
25 gallons	10 pints	20 pints
100 gallons	5 gallons	10 gallons

For best results, uniformly cover the foliage of the vegetation to be controlled with the spray solution.

RESTRICTIONS: DO NOT overapply causing runoff from the treated foliage. Avoid direct application and drift to the foliage, thin bark and rooting zone of desired plant species as injury may occur. Even though the herbicide is directed to clumps and spots within an acre and not broadcast, **DO NOT** exceed 2 gallons of **OneStep** per acre.

SITE PREPARATION TREATMENTS

Apply **OneStep** at a rate of 1 gallon of product per acre to control labeled grasses, broadleaf weeds, vines and brambles, and woody brush and trees on forest sites in advance of regeneration for the following conifer crop species:

- Loblolly Pine (*Pinus taeda*)
- Loblolly X Pitch Hybrid
- Longleaf Pine (*Pinus palustris*)
- Shortleaf Pine (*Pinus echinata*)
- Virginia Pine (*Pinus virginiana*)
- Slash Pine (*Pinus elliottii*)

Within 4 to 6 weeks of treatment, herbaceous weeds including grasses and woody vegetation will be controlled and may provide fuel to facilitate a site preparation burn, if desired, to enhance control of conifers or other species tolerant to the herbicide.

Apply 1 gallon of **OneStep** per acre in 5 to 30 gallons total spray solution for helicopter applications or 5 to 60 gallons total spray solution for mechanical ground spray and backpack applications. Use higher spray volumes when controlling particularly dense or multilayered canopies of hardwood stands, or difficult-to-control species.

Weeds Controlled

When applied as directed, **OneStep® herbicide** will control, partially control or suppress most woody brush, trees and herbaceous weeds, some of which are listed here. Degree of control and residual efficacy are species dependent. **OneStep** must be used only in accordance with the instructions, restrictions, and directions on this label.

GRASSES

The species of annual and perennial grasses controlled by **OneStep** include the following:

- Annual bluegrass (*Poa annua*)
- Bahiagrass (*Paspalum notatum*)
- Barnyardgrass (*Echinochloa crus-galli*)
- Beardgrass (*Andropogon* spp.)
- Bermudagrass (*Cynodon dactylon*)
- Big bluestem (*Andropogon gerardii*)
- Broadleaf signalgrass (*Brachiaria platyphylla*)
- Canada bluegrass (*Poa compressa*)
- Cattail (*Typha* spp.)
- Cheat (*Bromus secalinus*)
- Cogongrass (*Imperata cylindrica*)
- Crabgrass (*Digitaria* spp.)
- Crowfootgrass (*Dactyloctenium aegyptium*)
- Dallisgrass (*Paspalum dilatatum*)
- Downy brome (*Bromus tectorum*)
- Fall panicum (*Panicum dichotomiflorum*)
- Feathertop (*Pennisetum villosum*)
- Fescue (*Festuca* spp.)
- Foxtail (*Setaria* spp.)
- Giant reed (*Arundo donax*)
- Goosegrass (*Eleusine indica*)
- Guineagrass (*Panicum maximum*)
- Italian ryegrass (*Lolium multiflorum*)
- Itchgrass (*Rottboellia exaltata*)
- Johnsongrass (*Sorghum halepense*)
- Junglerice (*Echinochloa colonum*)
- Kentucky bluegrass (*Poa pratensis*)
- Lovegrass (*Eragrostis* spp.)
- Orchardgrass (*Dactylis glomerata*)
- Panicum* spp.
- Paragrass (*Brachiaria mutica*)
- Phragmites (*Phragmites australis*)
- Prairie cordgrass (*Spartina pectinata*)
- Prairie threeawn (*Aristida oligantha*)
- Quackgrass (*Agropyron repens*)
- Reed canarygrass (*Phalaris arundinacea*)
- Saltgrass (*Distichlis stricta*)
- Sand dropseed (*Sporobolus cryptandrus*)
- Sandbur (*Genchrus* spp.)
- Smooth brome (*Bromus inermis*)
- Sprangletop (*Leptochloa* spp.)
- Timothy (*Phleum pratense*)
- Torpedograss (*Panicum repens*)
- Vaseygrass (*Paspalum urvillei*)
- Wild barley (*Hordeum* spp.)
- Wild oats (*Avena fatua*)

(continued)

Weeds Controlled (continued)

GRASSES (continued)

- Wirestem muhly (*Muhlenbergia frondosa*)
- Witchgrass (*Panicum capillare*)
- Woolly cupgrass (*Eriochloa villosa*)

BROADLEAF WEEDS

The species of annual and perennial broadleaf weeds controlled by **OneStep** include the following:

- Arrowwood (*Pluchea sericea*)
- Broom snakeweed (*Gutierrezia sarothrae*)
- Bull thistle (*Cirsium vulgare*)
- Burclover (*Medicago* spp.)
- Burdock (*Arctium* spp.)
- Camphorweed (*Heterotheca subaxillaris*)
- Canada thistle (*Cirsium arvense*)
- Carolina geranium (*Geranium carolinianum*)
- Carpetweed (*Mullugo verticillata*)
- Chickweed, mouseear (*Cerastium vulgatum*)
- Clover (*Trifolium* spp.)
- Cocklebur (*Xanthium strumarium*)
- Common chickweed (*Stellaria media*)
- Common ragweed (*Ambrosia artemisiifolia*)
- Cudweed (*Gnaphalium* spp.)
- Dandelion (*Taraxacum officinale*)
- Desert camelthorn (*Alhagi pseudalhagi*)
- Diffuse knapweed (*Centaurea diffusa*)
- Dock (*Rumex* spp.)
- Dogfennel (*Eupatorium capillifolium*)
- Fiddleneck (*Amsinckia intermedia*)
- Filaree (*Erodium* spp.)
- Fleabane (*Erigeron* spp.)
- Giant ragweed (*Ambrosia trifida*)
- Goldenrod (*Solidago* spp.)
- Gray rabbitbrush (*Chrysothamnus nauseosus*)
- Henbit (*Lamium amplexicaule*)
- Hoary vervain (*Verbena stricta*)
- Horseweed (*Conyza canadensis*)
- Indian mustard (*Brassica juncea*)
- Japanese bamboo/knotweed (*Polygonum cuspidatum*)
- Knotweed, prostrate (*Polygonum aviculare*)
- Kochia (*Kochia scoparia*)
- Lambsquarters (*Chenopodium album*)
- Little mallow (*Malva parviflora*)
- Milkweed (*Asclepias* spp.)
- Miner's lettuce (*Montia perfoliata*)
- Mullein (*Verbascum* spp.)
- Nettleleaf goosefoot (*Chenopodium murale*)
- Oxeye daisy (*Chrysanthemum leucanthemum*)
- Pepperweed (*Lepidium* spp.)
- Pigweed (*Amaranthus* spp.)
- Plantain (*Plantago* spp.)
- Pokeweed (*Phytolacca americana*)
- Primrose (*Oenothera kunthiana*)
- Puncturevine (*Tribulus terrestris*)
- Purple loosestrife (*Lythrum salicaria*)
- Purslane (*Portulaca* spp.)

(continued)

Weeds Controlled (continued)

BROADLEAF WEEDS (continued)

- Pusley, Florida (*Richardia scabra*)
- Rocket, London (*Sisymbrium irio*)
- Rush skeletonweed (*Chondrilla juncea*)
- Russian knapweed (*Centaurea repens*)
- Russian thistle (*Salsola kali*)
- Saltbush (*Atriplex* spp.)
- Shepherdspurse (*Capsella bursa-pastoris*)
- Silverleaf nightshade (*Solanum elaeagnifolium*)
- Smartweed (*Polygonum* spp.)
- Sorrell (*Rumex* spp.)
- Sowthistle (*Sonchus* spp.)
- Spurge, annual (*Euphorbia* spp.)
- Stinging nettle (*Urtica dioica*)
- Sunflower (*Helianthus* spp.)
- Sweet clover (*Melilotus* spp.)
- Tansymustard (*Descurainia pinnata*)
- Texas thistle (*Cirsium texanum*)
- Velvetleaf (*Abutilon theophrasti*)
- Western ragweed (*Ambrosia psilostachya*)
- Wild carrot (*Daucus carota*)
- Wild lettuce (*Lactuca* spp.)
- Wild parsnip (*Pastinaca sativa*)
- Wild turnip (*Brassica campestris*)
- Woollyleaf bursage (*Ambrosia grayi*)
- Yellow starthistle (*Centaurea solstitialis*)
- Yellow woodsorrel (*Oxalis stricta*)

VINES AND BRAMBLES

The species of vines and brambles controlled by **OneStep® herbicide** include the following:

- Field bindweed (*Convolvulus arvensis*)
- Hedge bindweed (*Calystegia sepium*)
- Honeysuckle (*Lonicera* spp.)
- Morningglory (*Ipomoea* spp.)
- Poison ivy (*Rhus radicans*)
- Redvine (*Brunnichia cirrhosa*)
- Trumpet creeper (*Campsis radicans*)
- Virginia creeper (*Parthenocissus quinquefolia*)
- Wild buckwheat (*Polygonum convolvulus*)
- Wild grape (*Vitis* spp.)
- Wild rose (*Rosa* spp.)
 - Including: Multiflora rose (*Rosa multiflora*)
 - Macartney rose (*Rosa bracteata*)

WOODY BRUSH AND TREES

- Alder (*Alnus* spp.)
- American beech (*Fagus grandifolia*)
- Ash (*Fraxinus* spp.)
- Aspen (*Populus* spp.)
- Autumn olive (*Elaeagnus umbellata*)
- Bald cypress (*Taxodium distichum*)
- Bigleaf maple (*Acer macrophyllum*)
- Birch (*Betula* spp.)
- Black oak (*Quercus kelloggii*)
- Blackgum (*Nyssa sylvatica*)¹

Weeds Controlled (continued)

WOODY BRUSH AND TREES (continued)

- Boxelder (*Acer negundo*)
- Brazilian peppertree (*Schinus terebinthifolius*)
- Ceanothis (*Ceanothis* spp.)¹
- Cherry (*Prunus* spp.)¹
- Chinaberry (*Melia azedarach*)
- Chinese tallow-tree (*Sapium sebiferum*)
- Chinquapin (*Castanopsis chrysophylla*)
- Cottonwood (*Populus trichocarpa* and *Populus deltoides*)
- Cypress (*Taxodium* spp.)
- Dogwood (*Cornus* spp.)
- Eucalyptus (*Eucalyptus* spp.)
- Hawthorn (*Crataegus* spp.)
- Hickory (*Carya* spp.)¹
- Huckleberry (*Gaylussacia* spp.)
- Lyonia* spp.
 - Including: Fetterbush (*Lyonia lucida*)
 - Staggerbush (*Lyonia mariana*)
- Madrone (*Arbutus menziesii*)
- Maple (*Acer* spp.)
- Melaleuca (*Melaleuca quinquenervia*)
- Mulberry (*Morus* spp.)²
- Oak (*Quercus* spp.)
- Persimmon (*Diospyros virginiana*)¹
- Poison oak (*Rhus diversiloba*)
- Popcorn-tree (*Sapium sebiferum*)
- Poplar (*Populus* spp.)
- Privet (*Ligustrum vulgare*)
- Red alder (*Alnus rubra*)
- Red maple (*Acer rubrum*)
- Saltcedar (*Tamarix pentandra*)
- Sassafras (*Sassafras albidum*)
- Sourwood (*Oxydendrum arboreum*)¹
- Sumac (*Rhus* spp.)
- Sweetgum (*Liquidambar styraciflua*)
- Sycamore (*Platanus occidentalis*)
- Tanoak (*Lithocarpus densiflorus*)
- Titi (*Cyrilla racemiflora*)
- Tree of heaven (*Ailanthus altissima*)
- Vaccinium* spp.
 - Including: Blueberry (*Vaccinium* spp.)
 - Sparkleberry (*Vaccinium arboreum*)
- Willow (*Salix* spp.)
- Yellow-poplar (*Liriodendron tulipifera*)

¹ Best control with applications prior to formation of fall leaf color.
² The degree of control may be species dependent.

(continued)

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The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

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BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709



The Chemical Company