



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

241-402

AUG 17 2010

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:

Habitat Release 75SG Herbicide

Name and Address of Registrant (include ZIP Code):

BASF Corporation
26 Davis Drive
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.

This product is reregistered in accordance with FIFRA section 4(g)(2)(C) provided you:

1. Submit and/or cite all data required for registration review/reregistration of your product when the Agency requires all registrants of similar products to submit data.
2. Make all the following changes to the product label:
 - a. It is suggested that the resistance-management grouping symbols be placed on the front panel of the label as described in PR Notice 2001-5.
 - b. Change the PPE section to read as follows:

 "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-resistant category selection chart.

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

- Long-sleeved shirt and long pants,
- Shoes plus socks, and
- Chemical-resistant gloves (**except for pilots**)"

Continued on Page 2

Signature of Approving Official:

Date:

Jim Tompkins
Product Manager 25
Herbicide Branch
Registration Division (7505P)

Mindy Ondish Acting for

AUG 17 2010

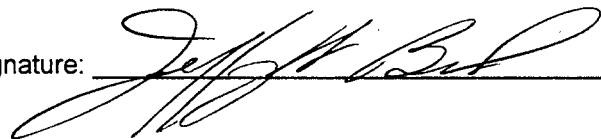
- c. On page 2, change the text to read “Habitat Release 75SG **must** be used only in accordance with **directions** on the leaflet label. Keep containers closed to avoid spills and contamination.”
- d. Make the following changes to page 3:
 - i. Change the heading from “IMPORTANT” to “**RESTRICTIONS**”.
 - ii. Change the heading from “GENERAL INFORMATION” to “**PRODUCT INFORMATION**” in both the text and in the Nonagricultural Use Requirements box.
 - iii. Remove “such as” and “other similar areas” from the use site statement so that it reads “Habitat Release 75SG...and terrestrial noncrop sites – railroad, utility...and other **industrial sites**.”
 - iv. Change the Pesticide Disposal phrase to “**must** be disposed of”.
 - v. Change the Container Disposal statement to read as follows for water-soluble packets, and remove the directions for plastic and paper/plastic bags:

“Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available, or dispose of the empty outer foil pouch in the trash as long as the water-soluble packet is unbroken.”
 - vi. Change the phrase in the last paragraph to “Habitat Release 75SG is also **applied** for control of undesirable vegetation along forest roads...”
- e. Make the following changes to page 4:
 - i. Change the heading from “RECOMMENDED APPLICATION RATES” to “**APPLICATION RATES**”.
 - ii. Change the sentence under Application Rates to “Habitat Release 75SG is applied at the following use rates depending upon the vegetation to be controlled...”
 - iii. Change the table heading from “Recommended Use Rate” to “**Use Rate**”.
 - iv. Change the sentence under Mixing and Application Instructions to “Thoroughly mix and apply the **specified** amount of Habitat Release 75SG...”
- f. On page 5 under Herbaceous Weed Control and on page 6 under Weeds Controlled, change the sentence to read “Habitat Release 75SG **must** be used only in accordance with the **directions** on this label.”

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Notes on the Confidential Statement of Formula:

- a) The values in 13a and 13b may change depending on the actual purity of the Imazapyr technical material, which can range from 95-100%.
- b) Values in parentheses represent pure active ingredient.
- c) A stability overage of 0.5% has been added to the upper certified limit.
- d) Sodium bicarbonate is a commodity chemical and includes the following list of possible suppliers and others.
 - Ashland Inc., 5200 Blaker Parkway, Dublin, OH 43017
 - Univar USA Inc. Colonial Rd, Salem, MA 01970-2947
- e) The limits for the antifoam, Sodium Tallowate, have been widened beyond standard EPA limits to allow adjustment as needed to control foaming of the final product.
- f) Sodium chloride is a commodity chemical and includes the following list of possible suppliers and others.
 - Ashland Inc., 5200 Blaker Parkway, Dublin, OH 43017
 - Univar USA Inc. Colonial Rd, Salem, MA 01970-2947
- g) Sodium Chloride is the filler and a quantity sufficient to make 100 % w/w is added. The certified limits are expanded beyond standard EPA limits to account for variations in purity of the technical sources and inert ingredients.
- h) The polyvinyl alcohol film is available from the following list of suppliers.
 - Chris Craft, 407 Country Line Road, Gary, IN 46403
 - Mitsui Plastics Inc., 11 Martine Avenue, White Plains, NY 10606
- i) The polyvinyl alcohol film and copper phthalocyanine blue are components of the packaging material and are not included in the percent by weight composition.

Signature: 

Date: June 1, 2010

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A stamped copy of your label is enclosed for your records. You must submit one (1) copy of the final printed label before you release the product for shipment. Products shipped after twelve (12) months from the date of this notice or the next printing of the label, whichever occurs first, must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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Habitat®

Release 75SG herbicide

Active Ingredient:

imazapyr (2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-pyridinecarboxylic acid) 75.0%

Other Ingredients: 25.0%

Total: 100.0%

Habitat Release 75SG in a water-soluble packet

1 water-soluble packet contains 0.104 pound of active ingredient as the free acid.

EPA Reg. No. 241-402
U.S. Patent No. 4,798,619

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this 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).

DO NOT remove packets from container except for immediate use.

ACCEPTED
with COMMENTS
in EPA Letter Dated

AUG 17 2010

Net Contents:

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

241-402

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709

 **BASF**
The Chemical Company

FIRST AID	
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.
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 the first 5 minutes; then continue rinsing eyes. • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
<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 BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357).</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Personal Protective Equipment (PPE)

Some materials that are chemical resistant to this product are barrier laminate, butyl rubber, or polyethylene. 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 for all mixers and loaders, plus applicators using handheld equipment

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 **Habitat® Release 75SG herbicide** should be mixed, stored, and applied only in stainless steel, fiberglass, plastic, and plastic-lined steel containers.

DO NOT mix, store, or apply **Habitat Release 75SG** or spray solutions of **Habitat Release 75SG** 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.

Habitat Release 75SG should be used only in accordance with recommendations on the leaflet label. Keep containers closed to avoid spills and contamination.

Habitat Release 75SG may be applied using ground operated sprayers such as all terrain vehicles, low-volume hand-operated spray equipment such as back-pack and pump-up sprayers, and tree injection equipment.

Observe all cautions and limitations in the package labels of products used in combination with **Habitat Release 75SG**.

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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.

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 **GENERAL 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 may be disposed of on-site or at an approved waste disposal facility.

CONTAINER DISPOSAL (for plastic containers)

Nonrefillable Container. DO NOT reuse or refill this container. After completely emptying container into application equipment, 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.

(for paper or plastic bags)

Nonrefillable Container. DO NOT reuse or refill this container. After completely emptying container into application equipment, dispose of empty bag in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

IN CASE OF SPILL

In case of large-scale spillage regarding this product, call:
CHEMTREC 1-800-424-9300
BASF Corporation 1-800-832-HELP (4357)

IMPORTANT

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. For terrestrial uses, **DO NOT** apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Keep from contact with fertilizers, insecticides, fungicides, and seeds to prevent unintentional exposure of desirable vegetation to

Habitat® Release 75SG herbicide. DO NOT apply or drain or flush equipment on or near desirable non-conifer trees or other 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.

GENERAL INFORMATION

Habitat Release 75SG is a water-soluble granule to be mixed with water and a surfactant and generally applied as a postemergence spray for control of most annual and perennial grasses, broadleaf weeds, vines, brambles, and hardwood brush and trees for the establishment and maintenance of wildlife openings and wildlife habitat management in forestry and terrestrial noncrop sites, such as railroad, utility, pipeline and highway rights-of-way, utility plant sites, petroleum tank farms, pumping installations, fence rows, storage areas, nonirrigation ditchbanks and other similar areas. **Habitat Release 75SG** may also be mixed in water and used for stump and cut-stem treatment for control of unwanted woody vegetation.

Habitat Release 75SG may be applied in forestry sites (land managed for timber production) on areas defined as puddles, potholes, berms of ditches, drainage ditches, intermittent drainage, intermittently flooded low-lying sites, seasonally dry flood plains, and transitional areas between upland and lowland sites except in the state of California. It is permissible to treat marshes, swamps, and bogs after water has receded, as well as seasonally dry flood deltas except in the state of California.

Habitat Release 75SG is also recommended for control of undesirable vegetation along forest roads, nonirrigation ditchbanks, and the establishment and maintenance of wildlife openings except in the state of California.

SYMPTOMOLOGY

Habitat® Release 75SG herbicide 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. Chlorosis and tissue necrosis may not be apparent in some plant species for several weeks after application. Woody plants, brush, and trees normally do not display the full extent of herbicide control until several months following 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.

WILDLIFE HABITAT MANAGEMENT

Habitat Release 75SG may be used to control exotic and other undesirable vegetation for purposes of wildlife habitat management and enhancement within forestry as well as terrestrial noncrop sites. Applications can be made to control undesirable vegetation (see **WEEDS CONTROLLED** section) prior to planting desirable species and to release desirable plant species (see **TOLERANT PLANT SPECIES** section). Spot, directed foliar and cut-stump and stem treatments can be made to selectively control unwanted plants for wildlife habitat management and enhancement. See below for specific application directions.

RECOMMENDED APPLICATION RATES

Habitat Release 75SG should be applied at the following use rates depending upon the vegetation to be controlled and the type of application being made.

Vegetation Type	Application Type	Recommended Use Rate
Hardwood trees and brush	Directed foliar or spot spray	1 to 2 packets/3 gallons of water
	Stump or cut stem	2 packets/gallon of water
	Broadcast	7 to 12 packets/acre
Herbaceous weeds	Broadcast	1 to 3 packets/acre

See specific use directions in appropriate section.

MIXING AND APPLICATION INSTRUCTIONS

Broadcast application with ground-operated spray equipment. Thoroughly mix and apply the recommended amount of **Habitat Release 75SG** in 5 to 60 gallons of water per acre. To mix, fill the spray tank with one-half to three-quarters of the desired volume with clean water. Add the required number of **Habitat Release 75SG** water-soluble packets to the spray tank while agitating. Add additional water to achieve the desired spray volume and agitate again. A suitable nonionic surfactant may be added to the spray solution to enhance control of undesirable vegetation. 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.

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

Side trimming. DO NOT side trim with **Habitat Release 75SG** unless severe injury or death of the treated tree can be tolerated. **Habitat Release 75SG** is readily translocated and can result in death of the entire tree.

UNDESIRABLE HARDWOOD VEGETATION CONTROL

Directed Foliar or Spot Spray Applications

When making directed or spot spray applications with ground spray equipment, or low-volume hand-operated spray equipment, thoroughly mix a solution of one to two water-soluble packets of **Habitat Release 75SG** per three gallons of water and a minimum of 1/4 percent by volume nonionic surfactant.

To mix the spray solution, add the volume of **Habitat Release 75SG** and nonionic surfactant indicated in the table below to the desired amount of water.

SPRAY SOLUTION VOLUME	Habitat® Release 75SG herbicide (water-soluble packets)	SURFACTANT (fluid ounces)
3 gallons	1 to 2	1.0 (2 Tblsp)
5 gallons	2 to 4	1.6 (3.2 Tblsp)
10 gallons	4 to 8	3.2 (6.4 Tblsp)
20 gallons	8 to 16	6.4 (12.8 Tblsp)

Tblsp = tablespoon 2 tablespoons = 1 fluid ounce

IMPORTANT: DO NOT overapply causing runoff from the treated foliage. Avoid direct application to desired plant species as injury may occur. DO NOT apply on or near desirable non-conifer trees or other 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 exceed 12 water-soluble packets of Habitat Release 75SG per acre.

Application Tips: For low volume, select proper nozzles to avoid overapplication. Proper application is critical to ensure desirable results. Best results are achieved when the spray covers the crown and approximately 70 percent of the plant. The use of an even flat-fan tip with a spray angle of 40 degrees or less will aid in proper deposition.

Recommended tip sizes include 4004E or 1504E. For a straight stream and cone pattern, adjustable cone nozzles such as 5500 X3 or 5500 X4 may be used. Attaching a rollover valve onto a Spraying Systems Model 30 gunjet or other similar spray guns allows for the use of both a flat fan and cone tips on the same gun.

Proper Spray Pattern: Moisten, but do not drench target vegetation causing spray solution to run off.

Low Volume with Backpacks: For brush up to 4 feet tall, spray down on the crown, covering crown and penetrating approximately 70% of the plant.

For brush 4 to 8 feet tall, swipe the sides of target vegetation by directing spray to at least two sides of the plant in smooth vertical motions from the crown to the bottom. Make sure to cover the crown whenever possible.

For brush over 8 feet tall, lace sides of the brush by directing spray to at least two sides of the target in smooth zigzag motions from crown to bottom.

Low Volume with Hydraulic Handgun Application Equipment: Use same technique as described above for individual stem treatments.

Broadcast Applications

For broadcast applications, simulate a gentle rain near the top of target vegetation, allowing spray to contact the crown and penetrate the target foliage without falling to the understory. Herbicide spray solution that contacts the understory may result in severe injury or death of plants in the understory. **DO NOT** exceed 12 water-soluble packets of **Habitat Release 75SG** per acre.

Stump and Cut Stem Treatments

Habitat Release 75SG may be used to control undesirable woody vegetation by applying a solution of the herbicide in water to the cambium area of freshly cut-stump surfaces or to cuts on the stem of the target woody vegetation. Applications can be made at any time of the year except during periods of heavy sap flow in the spring. Tree injection and cut stem treatments are most effective in late summer and early fall.

Mixing: Habitat Release 75SG may be mixed and applied as a dilute solution to the surface of the stump or to cuts on the stem of the target woody vegetation. To prepare a dilute solution, thoroughly mix two water-soluble packets of **Habitat Release 75SG** with one gallon of water.

For cut-stump treatments. Spray or brush the solution onto the cambium area of the freshly cut-stump surface. Ensure that the solution thoroughly wets the entire cambium area (the wood next to the bark of the stump).

For tree injection treatments. Using standard injection equipment, apply 1 milliliter of solution at each injection site around the tree with no more than one-inch intervals between cut edges. Ensure that the injector completely penetrates the bark at each injection site.

For frill or girdle treatments. Using a hatchet, machete, or similar device, make cuts through the bark at intervals around the tree with no more than two-inch intervals between cut edges. Spray or brush the solution into each cut until thoroughly wet.

HERBACEOUS WEED CONTROL

Habitat Release 75SG may be applied as a broadcast treatment using ground sprayers or as a directed treatment using backpack or handheld sprayers for the control of herbaceous weeds. For broadcast treatments apply **Habitat Release 75SG** at rates of one to three water-soluble packets per acre and include a minimum of 1/4 percent by volume nonionic surfactant.

TOLERANT PLANT SPECIES

The following plant species are tolerant to **Habitat Release 75SG**. Many of these species are preferred food; browse and cover plants for wildlife. These species may be released from herbaceous weed and brush competition with an application of **Habitat Release 75SG**. **Habitat Release 75SG** should be used only in accordance with the recommendations on this label.

- Beggarweeds
 - Beggarweed (*Desmodium nudiflorum*)
 - Beggarweed (*Desmodium rotundifolium*)
 - Florida beggarweed (*Desmodium tortuosum*)
- Black locust (*Robinia pseudo-acacia*)
- Blackberry (*Rubus argutus*)
- Butterfly pea (*Centrosema virginianum*)
- Butterfly pea (*Clitoria mariana*)

TOLERANT PLANT SPECIES (continued)

Dewberry (*Rubus trivialis*)
 Dollar weed (*Rhynchosia reniformis*)
 Erect milk pea (*Galactia volubilis*)
 Goats rue (*Tephrosia virginiana*)
 Ground nut (*Apios americana*)
 Hairy rhynchosia (*Rhynchosia tomentosa*)
 Hog peanut (*Amphicarpa bracteata*)
 Indigo bush (*Amorpha fruticosa*)
 Lespedeza
 Bicolor lespedeza (*Lespedeza bicolor*)
 Common lespedeza (*Lespedeza striata*)
 Hairy lespedeza (*Lespedeza hirta*)
 Japonica lespedeza (*Lespedeza japonica*)
 Prostrate lespedeza (*Lespedeza procumbens*)
 Roundhead lespedeza (*Lespedeza capitata*)
 Thunburg lespedeza (*Lespedeza thunburgii*)
 Wand lespedeza (*Lespedeza intermedia*)
 Milk pea (*Strophostyles helvola*)
 Narrowleaf vetch (*Vicia dasycarpa*)
 Partridge pea (*Cassia fasciculata*)
 Pencil flower (*Stylosanthes biflora*)
 Redbud (*Cercis canadensis*)
 Samson snakeroot (*Psoralea psoralioides*)
 Sensitive briar (*Schrankia microphylla*)
 Sesbania (*Sesbania macrocarpa*)
 Small partridge pea (*Cassia nictitans*)
 Spike tephrosia (*Tephrosia spicata*)
 Trailing wild bean (*Strophostyles umbellata*)
 Wild indigo (*Indigofera caroliniana*)
 Wild pea (*Vigna suteola*)

The following plant species commonly colonize a site after treatment with **Habitat® Release 75SG herbicide**. Seed of these species may be present in the soil or may be dispersed within the area by wind and animals.

Beautyberry (*Callicarpa americana*)
 Beggar ticks (*Bidens* spp.)
 Blue curls (*Trichostema dichotomum*)
 Broomsedges (*Andropogon* spp.)
 Carpetweed (*Mollugo verticillata*)
 Common ragweed (*Ambrosia artemisiifolia*)
 Dove weed (*Croton glandulosus*)
 Evening primrose (*Oenothera biennis*)
 Fireweed (*Epilobium angustifolium*)
 Florida purslane (*Richardia scabra*)
 Flowering spurge (*Euphorbia corollata*)
 Giant ragweed (*Ambrosia trifida*)
 Greenbrier (*Smilax bona-nox*)
 Ground cherry (*Physalis virginiana*)
 Lambsquarters (*Chenopodium album*)
 Lovevine (*Cuscuta gronovii*)
 Maypop (*Passiflora incarnata*)
 Morningglory (*Ipomoea purpurea*)
 Muscadine grape (*Vitis rotundifolia*)
 New Jersey tea (*Ceanothus americanus*)
 Panic grasses (*Panicum* spp.)
 Pennsylvania smartweed (*Polygonum pensylvanicum*)
 Pigweed (*Amaranthus hybridus*)

TOLERANT PLANT SPECIES (continued)

Poison ivy (*Rhus radicans*)
 Pokeweed (*Phytolacca americana*)
 Poor-joe (*Diodia teres*)
 Sheep-sorrel (*Rumex hastatulus*)
 Smooth sumac (*Rhus glabra*)
 Trumpet vine (*Campsis radicans*)
 Violets (*Violet* spp.)
 Virginia creeper (*Parthenocissus quinquefolia*)
 Wild geranium (*Geranium carolinianum*)
 Winged sumac (*Rhus copallina*)
 Woolly croton (*Croton capitatus*)
 Yellow wood sorrel (*Oxalis stricta*)

WEEDS CONTROLLED

Habitat Release 75SG will provide postemergence control and some residual control of the following target vegetation species. Degree of control is both species and rate dependent. **Habitat Release 75SG** should be used only in accordance with the recommendations on this label.

Grasses

The species of annual and perennial grasses controlled by **Habitat Release 75SG** include the following:

Annual bluegrass (*Poa annua*)
 Bahiagrass (*Paspalum notatum*)
 Barnyardgrass (*Echinochloa crus-galli*)
 Beardgrass (*Andropogon* spp.)
 Bermudagrass (*Cynodon dactylon*)¹
 Big bluestem (*Andropogon gerardii*)
 Broadleaf signalgrass (*Brachiaria platyphylla*)
 Canada bluegrass (*Poa compressa*)
 Cattail (*Typha* spp.)
 Cheat (*Bromus secalinus*)
 Cogongrass (*Imperata cylindrica*)²
 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*)
 Guinea grass (*Panicum maximum*)
 Italian ryegrass (*Lolium multiflorum*)
 Itchgrass (*Rottboellia exaltata*)
 Johnsongrass (*Sorghum halepense*)¹
 Junglerice (*Echinochloa colonum*)
 Kentucky bluegrass (*Poa pratensis*)
 Lovegrass (*Eragrostis* spp.)¹
 Orchardgrass (*Dactylis glomerata*)
Panicum spp.
 Paragrass (*Brachiaria mutica*)
 Phragmites (*Phragmites australis*)
 Prairie cordgrass (*Spartina pectinata*)
 Prairie threeawn (*Aristida oligantha*)
 Quackgrass (*Agropyron repens*)
 Reed canary grass (*Phalaris arundinacea*)

WEEDS CONTROLLED (continued)**Grasses** (continued)

Saltgrass (*Distichlis stricta*)
 Sand dropseed (*Sporobolus cryptandrus*)
 Sandbur (*Cenchrus* spp.)
 Signalgrass (*Brachiaria platyphylia*)
 Smooth brome (*Bromus inermis*)
 Sprangletop (*Leptochloa* spp.)
 Timothy (*Phleum pratense*)
 Torpedograss (*Panicum repens*)
 Vaseygrass (*Paspalum urvillei*)
 Wild barley (*Hordeum* spp.)
 Wild oats (*Avena fatua*)
 Wirestem muhly (*Muhlenbergia frondosa*)
 Witchgrass (*Panicum capillare*)
 Woolly cupgrass (*Eriochloa villosa*)

¹Use higher labeled rates.

²Use minimum of four water-soluble packets per acre.

Broadleaf Weeds

The species of annual and perennial broadleaf weeds controlled by **Habitat® Release 75SG herbicide** 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 (*Mollugo 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 aplexicaule*)
 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.)

WEEDS CONTROLLED (continued)**Broadleaf Weeds** (continued)

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.)
 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 **Habitat Release 75SG** include the following:

Field bindweed (*Convolvulus arvensis*)
 Greenbriar (*Smilax* spp.)
 Hedge bindweed (*Calystegia sequium*)
 Honeysuckle (*Lonicera* spp.)
 Kudzu (*Pueraria lobata*)^{1, 2}
 Morningglory (*Ipomoea* spp.)
 Poison ivy (*Rhus radicans*)
 Redvine (*Brunnichia cirrhosa*)
 Trumpetcreeper (*Campsis radicans*)
 Virginia creeper (*Parthenocissus quinquefolia*)
 Wild buckwheat (*Polygonum convolvulus*)
 Wild grape (*Vitis* spp.)

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WEEDS CONTROLLED (continued)

Vines and Brambles (continued)

Wild rose (*Rosa* spp.)¹

Including: Multiflora rose (*Rosa multiflora*)
Macartney rose (*Rosa bracteata*)

¹Use higher labeled rates.

²Use a minimum of 75 GPA. Control of established stands may require multiple applications.

Woody Brush and Trees

The species of woody brush and trees controlled by **Habitat® Release 75SG herbicide** include the following:

Alder (*Alnus* spp.)
American beech (*Fagus grandifolia*)
Ash (*Fraxinus* spp.)¹
Aspen (*Populus* spp.)
Autumn olive (*Elaeagnus umbellata*)
Bald cypress (*Taxodium distichum*)
Bigleaf maple (*Acer macrophyllum*)
Birch (*Betula* spp.)¹
Black oak (*Quercus kelloggii*)
Blackgum (*Nyssa sylvatica*)²
Boxelder (*Acer negundo*)
Brazilian peppertree (*Schinus terebinthifolius*)
Ceanothis (*Ceanothis* spp.)
Cherry (*Prunus* spp.)^{1, 2}
Chinaberry (*Melia azedarach*)
Chinese tallow-tree (*Sapium sebiferum*)
Chinquapin (*Castanopsis chrysophylla*)
Cottonwood (*Populus trichocarpa* and *Populus deltoides*)
Cypress (*Taxodium* spp.)
Dogwood (*Cornus* spp.)¹
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.)^{1, 3}
Oak (*Quercus* spp.)⁴
Persimmon (*Diospyros virginiana*)²
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*)²
Sumac (*Rhus* spp.)
Sweetgum (*Liquidambar styraciflua*)
Sycamore (*Platanus occidentalis*)
Tanoak (*Lithocarpus densiflorus*)¹

WEEDS CONTROLLED (continued)

Woody Brush and Trees (continued)

Titi (*Cyrilla racemiflora*)¹

Tree of heaven (*Ailanthus altissima*)

Vaccinium spp.

Including: Blueberry (*Vaccinium* spp.)
Sparkleberry (*Vaccinium arboreum*)

Willow (*Salix* spp.)

Yellow poplar (*Liriodendron tulipifera*)

¹Use higher labeled rates.

²Best control with applications prior to formation of fall leaf color.

³The degree of control may be species dependent.

⁴For Water oak (*Quercus nigra*), Laurel oak (*Q. laurifolia*), Willow oak (*Q. phellos*) and Live oak (*Q. virginiana*), use higher labeled rates.

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