

228-408

08/29/2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

3.29-11

Matthew Granahan  
Nufarm Americas Inc.  
150 Harvester Drive, Suite 200  
Burr Ridge, IL 60527

Subject: Label Amendment  
EPA Reg. No.: 228-408 / Spyder Selective Herbicide Supplemental Label

Dear Mr. Granahan:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

Submit one copy of the final printed label for the record before you release the product for shipment. A stamped copy of the label is enclosed for your records. This label must be incorporated into the master label within 18 months of the date of this letter. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. If you have any questions please call Erik Kraft at 703-308-9358 or email at Kraft.Erik@epa.gov.

Sincerely,

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



# SUPPLEMENTAL LABEL

# Spyder®

# Selective Herbicide

ACCEPTED  
3-29-11  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 228-408

EPA Reg. No. 228-408

## EUCALYPTUS IN HARDWOOD SITE PREPARATION AND HARDWOOD RELEASE

This supplemental label expires on March 30, 2014 and must not be used or distributed after this date.

READ AND FOLLOW THE ENTIRE LABEL BOOKLET FOR THIS PRODUCT BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABELING. "Label" as used in this supplemental labeling refers to the label booklet for this product and this supplemental.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

### DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN ANY MANNER INCONSISTENT WITH ITS LABELING.

This label must be in the possession of the user at the time of application.

**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.

**DO NOT** apply more than 8 ounces per acre per year.

**DO NOT** apply more than 0.199 lb ai/acre per application (4.2 ounces per acre per application) for Forestry Uses (Including Deciduous, Conifers, Christmas Trees).

**DO NOT** use on food or feed crops.

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

Applications may not be made to the soil that is subject to wind erosion when less than a 60% chance of rainfall is predicted to occur in the treatment area within 48 hours. Soils that are subject to wind erosion usually have a high silt and/or fine to very fine sand fractions. Soils with low organic matter also tend to be prone to wind erosion.

For Eucalyptus in Hardwood Site Preparation and Hardwood Release use a minimum of 10 gallons for aerial and ground applications, or as specified on the label.

### DROPLET SIZE

Application must be made using extremely coarse or coarser droplet size spectrum according to ASABE (S572) definition.

### WIND DIRECTION AND SPEED

Do not apply when wind speed is greater than 10 mph.

**TEMPERATURE INVERSION**

Do not make aerial or ground applications into temperature inversions.

Inversions are characterized by stable air and increasing temperature with altitude above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

**GROUND APPLICATION**

For ground boom applications, apply spray at lowest height that is consistent with pest control objectives to minimize drift.

For broadcast ground application, do not apply within 50 feet of aquatic vegetation (including, but not limited to, lakes reservoirs, rivers, streams, marshes, ponds, estuaries, and commercial fish ponds) or water used as an irrigation source, or crops.

For hand held spot treatment applications, do not apply within 30 feet of aquatic vegetation (including, but not limited to, lakes reservoirs, rivers, streams, marshes, ponds, estuaries, and commercial fish ponds) or water used as an irrigation source, or crops.

**AERIAL APPLICATION**

Spray must be release at the lowest height consistent with pest control objectives and flight safety.

The spray boom should be mounted on the aircraft as to minimize drift caused by wingtip or rotor vortices. The minimum practical boom length should be used and must not exceed 75% of the wing span or 80% rotor blade diameter.

*Flight speed and nozzle orientation must be considered in determining compliance with the allowable droplet size spectrum.*

When applications are made with a cross-wind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind.

Do not apply liquid formulations of this product with fixed wing aircraft. Liquid formulations of this product must be applied via rotary aircraft.

Do not apply within 75 feet of aquatic vegetation (including, but not limited to, lakes reservoirs, rivers, streams, marshes, ponds, estuaries, and commercial fish ponds) or water used as an irrigation source, or crops

ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS IN THE PRODUCT LABEL BOOKLET MUST BE FOLLOWED, INCLUDING STATEMENTS PERTAINING TO THE WORKER PROTECTION STANDARDS, ON THE EPA REGISTERED LABEL.

**HARDWOODS**

**Hardwood Site Preparation: Application Before Transplanting**

Apply 3.0 to 4.2. ounces per acre in a minimum of 10 gallons for aerial and ground applications on sites where American Sycamore, Ash (Green or White), Chestnut Oak, Eucalyptus\*, Northern Red Oak, Red Maple, Sweetgum, Yellow Poplar, or White Oak are to be planted. Make all applications before transplanting.

\*Not registered for this use in California.

**West of Cascade Mountains:** For hybrid Poplar west of the Cascade Mountains, apply 0.5 to 1.25 ounces per acre in a minimum of 10 gallons for aerial and ground applications. Use 1.0 to 1.25 ounces per acre in a minimum of 10 gallons for aerial and ground applications for heavy weed infestations and where maximum residual control is desired. Use 0.5 to 0.75 ounces per acre in a minimum of 10 gallons for aerial and ground applications for light weed infestations or where small diameter cuttings are to be planted. Allow at least 3 days between application and planting. Limit the first use to a small area to determine the selectivity of this product on specific clones. This product must be activated by rainfall or overhead irrigation before weeds become well established. Use of this product may cause temporary chlorosis (yellowing) or a minor reduction in tree height during the year of product use.

**Hardwood Release: Application After Transplanting**

Apply 1.0 to 4.0 ounces per acre in a minimum of 10 gallons for aerial and ground applications in stands of American Sycamore,

Ash (Green or White), Bald Cypress, Eucalyptus\*, Oaks (such as Chestnut, Cherrybark, Northern Red, Overcup, Pin, Southern Red, Swamp Chestnut, Water, White, etc.), Red Maple, Sweetgum, or Yellow Poplar.

\*Not registered for this use in California.

Apply this product before hardwood tree seedlings or transplants break dormancy (bud swell stage). Applications made over the top after the trees have broken dormancy may injure or kill the trees.

**West of Cascade Mountains:** For hybrid Poplar west of the Cascade Mountains, apply 0.5 to 1.25 ounces per acre in a minimum of 10 gallons for aerial and ground applications. Use 1.0 to 1.25 ounces per acre in a minimum of 10 gallons for aerial and ground applications for heavy weed infestations and where maximum residual control is desired. Use 0.5 to 0.75 ounces per acre in a minimum of 10 gallons for aerial and ground applications for light weed infestations or where small diameter cuttings are to be planted. Apply only to trees that have been established for at least 1 year. Apply when trees are dormant and avoid spray contact green buds or tissue to avoid injury to trees. Avoid applications during the period when hybrid poplars are actively growing; i.e. from bud swell in the spring until leaf drop in the fall. Limit the first use to a small area to determine the selectivity of this product on specific clones. This product must be activated by rainfall or overhead irrigation before weeds become well established. Use of this product may cause temporary chlorosis (yellowing) or a minor reduction in tree height during the year of product use.

**Lake States:** For hybrid Poplar in the Lake States, apply 1.0 to 2.0 ounces per acre in a minimum of 10 gallons for aerial and ground applications in the fall or early winter. For late winter or early spring applications, use 1.0 ounce per acre in a minimum of 10 gallons for aerial and ground applications. Apply only to trees that have been established for at least 1 year. Apply when trees are dormant and avoid spray contact green buds or tissue to avoid injury to trees. Avoid applications during the period when hybrid Poplars are actively growing; i.e. from bud swell in the spring until leaf drop in the fall. Limit the first use to a small area to determine the selectivity of this product on specific clones. This product must be activated by rainfall or overhead irrigation before weeds become well established. Use of this product may cause temporary chlorosis (yellowing) or a minor reduction in tree height during the year of product use.

**Natural Hardwood Regeneration**

Use this product for herbaceous weed control in commercial reforestation areas where hardwood seedling regeneration is desired following shelterwood seed cuts. Apply 2.0 to 4.2 ounces per acre in a minimum of 10 gallons using appropriate ground equipment. To control Striped Maple and Beech, tank mix with 1.0 to 2.0 quarts glyphosate per acre. Apply from late summer to mid-fall.

**NOTE:** Hardwood seedlings present at the time of application may be severely injured or killed.

**NOTICE**

Read the "WARRANTY DISCLAIMER" and "LIMITATION OF LIABILITY" in the label booklet for this product before using this product. Those terms apply to this supplemental labeling and if those terms are not acceptable, return the product unopened at once.

**Manufactured For: Nufarm Americas Inc.  
150 Harvester Drive | Burr Ridge, IL 60527**

Spyder is a registered trademark of Nufarm Americas Inc.