

PM 25

62719-230

file  
1 of 11



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

JAN 14 1994

Merlyn L. Jones, Ph.D  
DOWELANCO  
QUAD IV 9002 PURDUE RD.  
INDIANAPOLIS, IN 46268

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 08/05/93 In Response to PR Notice 93-7  
EPA Reg. No. 62719-230  
GRAND STAND HERBICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable  
Printed with Soy/Canola ink on paper that  
contains at least 50% recycled fiber

20/11

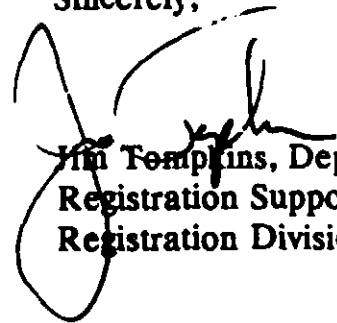
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Attachment

3011

**WPS Labeling**

(Editor's Note: Deleted text indicated by strike-through and added text underlined)

[Datapack - Grandstand (X-mas Trees Only)]

[Front Cover of Datapack]

(logo) DowElanco

# Grandstand\*

For the control of woody plants and broadleaf weeds in Christmas tree plantations

**Active Ingredient:**

triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid, triethylamine salt ..... 44.4%

Inert Ingredients ..... 55.6%

**Acid equivalent:**

triclopyr - 31.8% - 3 lb/gal

**Keep Out of Reach of Children**

## DANGER

## PELIGRO

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.)

Refer to inside of label booklet for additional precautionary information including Personal Protective Equipment (PPE), and Directions for Use including Agricultural Use Requirements and Storage and Disposal.

**Notice:** Read the entire label. Use only according to label directions. Before buying or using this product, read "Warranty Disclaimer" and "Limitation of Remedies" in the attached label booklet.

In case of emergency endangering health or the environment involving this product, call collect 517-636-4400.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-230  
33682

EPA Est. 464-MI-1  
900-001073

\*Trademark of DowElanco  
DowElanco • Indianapolis, IN 46268, U.S.A.

## Herbicide

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

JAN 13 1994  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
62719-230

4011

(Page 2 of Booklet)

**Precautionary Statements****Hazards to Humans and Domestic Animals****DANGER****PELIGRO**

~~Precaucion al usuario: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.~~

~~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.)~~

~~Corrosive • Causes Irreversible Eye Damage • Harmful If Swallowed, Inhaled, or Absorbed Through Skin • Prolonged Or Frequently Repeated Skin Contact May Cause Allergic Skin Reaction In Some Individuals~~

~~Do not get in eyes, on skin, or clothing. Avoid breathing vapor or spray mist. Wear goggles, face shield or safety glasses, and rubber gloves when handling concentrate. Wear protective clothing when handling due to corrosive effects on the skin and eye. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.~~

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, 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 immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**First Aid**

**If In eyes:** Hold eyelids open and flush with a steady gently stream of water for 15 minutes. Get medical attention.

**If on skin:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**If Swallowed:** Call a physician or poison control center. Drink promptly a large quantity of milk, egg whites or gelatin solution, or if these are not available, drink large quantities of water. Do not induce vomiting. Avoid alcohol.

**If Inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**Note to Applicator:** Allergic skin reaction is not expected from exposure to spray mixtures of Grandstand herbicide when used as directed.

**Environmental Hazards**

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

59711

**Physical or Chemical Hazards**  
Do not use or store near heat or open flame.

---

**Directions for Use**

---

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

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.

**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 exemptions 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
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

**Storage:** Store above 28°F or agitate before use.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. 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:** Triple rinse (or equivalent). Then offer for recycling, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures. Plastic containers may also be disposed of by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Consult federal, state, or local disposal authorities for approved alternative procedures.

6 of 11

## General Information

Grandstand herbicide is a water soluble product recommended for the control of unwanted woody plants and annual and perennial broadleaf weeds in Christmas tree plantations. If lower rates are used on hard-to-control species, resprouting may occur the year following treatment. Brush over 8 feet tall is difficult to treat efficiently using hand equipment such as backpack or knapsack sprayers. Large brush or trees may be better controlled by non-foliar applications described on this label.

Foliar applications of Grandstand should be made when the weed plants are in full leaf and actively growing. In all cases use the amount specified in enough water to give uniform and complete coverage of the plants to be controlled. Grandstand does not control plants which have not germinated at the time of application. Applications under drought conditions may provide less than desirable results.

## General Use Precautions

Do not use for manufacturing or formulating.

Do not use on newly seeded grass until the grass has established a good root system, shows good vigor and is tillering.

Newly seeded turf (alleyways, etc.) should be mowed two or three times before any treatment with Grandstand.

Do not reseed Christmas tree areas treated with Grandstand for a minimum of three weeks after application.

Do not use Grandstand if legumes, such as clover, are present and injury cannot be tolerated.

Do not apply on ditches used to transport irrigation water.

Do not apply where runoff or irrigation water may flow onto agricultural land as injury to crops may result.

It is better not to disturb the treated area until the spray has dried. Leaving undisturbed while drying will allow better penetration of the product into the plant, for more effective results.

Do not apply Grandstand with a mistblower.

**Chemigation:** Do not apply this product through any type of irrigation system.

Be sure that use of this product conforms to all applicable regulations.

**Avoid Injurious Spray Drift:** Applications should be made only when there is little or no hazard from spray drift. Very small quantities of spray, which may not be visible, may seriously injure susceptible plants. Do not spray when wind is blowing toward susceptible crops or ornamental plants near enough to be injured.

**Ground Equipment:** To aid in reducing spray drift, Grandstand may be used in thickened (high viscosity) spray mixtures using Nalco-Trol drift control additive, high viscosity invert systems, or equivalent as directed by the manufacturer. With ground equipment, spray drift can be reduced by keeping the spray boom as low as possible; by applying 20 gallons or more of spray solution/acre; by keeping the operating spray pressures at the lower end of the manufacturer's recommended pressures for the specific nozzle type used (low pressure nozzles are available from spray equipment manufacturers); and by spraying when the wind velocity is low (follow state regulations). Select nozzles and spray pressures that produce a coarse spray.

7011

### Preparing the Spray

Use clean water suitable for spraying. The recommended order of addition to the spray tank is water, drift control agent (if used), non-ionic agricultural surfactant and Grandstand. Continue moderate agitation while mixing and spraying. Use of a non-ionic agricultural surfactant, such as Valent X-77, Triton Ag-98, or Tronic, is recommended for all applications. When using surfactants, follow use directions and precautions listed on the surfactant manufacturers' label. Use the higher recommended concentrations of surfactant in the spray mixture when applying lower spray volumes per acre.

### Approved Uses

#### Christmas Tree Plantations

For broadleaf weed control and woody plant control in established plantations, apply 2 to 5 pints per acre of Grandstand as a foliar spray directed to the base of the Christmas trees. Apply in enough water to give uniform coverage (20 to 100 gallons per acre). Do not apply with 2,4-D. These rates of Grandstand will only suppress some well established woody plants greater than 2 to 3 years old (see table below). Apply Grandstand in late summer and early autumn after the Christmas trees have hardened off and before the leaves begin to drop off the target weeds. Spray solution from Grandstand can cause needle and branch injury to Christmas trees. To minimize injury, it is recommended that sprays be directed so as to minimize contact with Christmas tree foliage. Injury from Grandstand is less on blue spruce, white spruce, balsam fir and Fraser fir, than on white pine and Douglas fir.

**Restrictions:** Grandstand may only be used in established Christmas tree plantations that were planted at least one full year prior to application.

#### Foliar Broadcast Ground Application

##### Application Rates and Species Controlled:

Grandstand		
2 pints/acre	3 to 4 pints/acre	5 pints/acre
clover	bindweed, field (TG)	arrowwood (SDL)
dandelion	blackberry†	aspen
dock, curly	chicory (s)	beech (SDL)
lambquarters	fireweed	birch (SDL)
lespedeza	ivy, ground	chinquapin
plantain, broadleaf	lettuce, wild	cottonwood (SDL)
plantain, buckhorn	oxalis	elderberry
ragweed, common	poison ivy	grape, wild
vetch	smartweed (TG)	mulberry (SDL)
	thistle, Canada (TG)	poplar (SDL)
	violet, wild	sassafras (SDL)
	Virginia creeper†	sumac (SDL)
		sycamore (SDL)

(TG) Top growth control, retreatment may be necessary

(S) Suppression

(SDL) Seedlings less than 2-3 years old

†Use 4 pint per acre rate

For broadleaf weed control and woody plant control in established Christmas tree plantations, broadcast sprays may be applied in bands between the rows of planted trees. Make application using equipment that will assure uniform coverage of the spray volume applied. To improve spray coverage, add a non-ionic agricultural surfactant such as Valent X-77, Triton Ag-98 or Tronic. When adding a surfactant, follow the use directions on the surfactant label. Use the higher rates of surfactant for lower rates of product and lower spray volumes.

For best results, applications should be made when woody plants and weeds are actively growing. When hard to control species such as ash, blackgum, choke cherry, elm, hazel, madrone, maples, oaks or sweetgum are prevalent and for applications made in late summer when the leaves are mature and during drought conditions, use the higher rates of Grandstand alone or use single-stem non-foliar techniques.

80411

### Directed Applications

To control hardwoods such as red maple, sugar maple, striped maple, sweetgum, red and white oaks, ash, alder, birch, aspen, and pin cherry mix 4 to 20 fluid ounces of Grandstand in enough water to make 3 gallons of spray mixture. To improve spray coverage, add a non-ionic agricultural surfactant such as Valent X-77, Triton AG-98 or Tronic. This spray mixture should be directed onto foliage of competitive hardwoods using knapsack or backpack sprayers with flat fan nozzles or equivalent any time after hardwoods have reached full leaf size, but before autumn coloration (when plants are actively growing). The majority of treated hardwoods should be less than 8 feet in height to ensure adequate spray coverage. **Note:** To prevent Christmas tree injury, care should be taken to direct spray away from contact with Christmas tree foliage.

### Single-Stem Non-Foliar Applications:

1. **Tree Injector Method:** Applications should be made by injecting 1/2 milliliter of undiluted Grandstand or 1 milliliter of the diluted (1:1 ratio in water) solution through the bark at intervals of 3-4 inches between centers of the injector wound. The injections should completely surround the tree at any convenient height. **Note: No Worker Protection Standard worker entry restrictions or worker notification requirements apply when this product is directly injected into plants.**

2. **With Frill or Girdle Method:** Make a single girdle through the bark completely around the tree at a convenient height. Wet the cut surface with undiluted Grandstand or diluted (1:1 ratio in water) solution.

Both of the above methods may be used successfully in any season except during periods of heavy sap flow particularly with certain species - such as maples.

3. **Stump Treatment:** To prevent resprouting, spray or paint the cut surfaces of freshly cut stumps and stubs with undiluted Grandstand herbicide. The cambium area next to the bark is the most vital area to wet.

---

### Warranty Disclaimer

DowElanco warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. DOWELANCO MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

---

### Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application or other factors, all of which are beyond the control of DowElanco or the seller. All such risks shall be assumed by Buyer.

---

### Limitation of Remedies

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at DowElanco's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

DowElanco shall not be liable for losses or damages resulting from handling or use of this product unless DowElanco is promptly notified of such loss or damage in writing. In no case shall DowElanco be liable for consequential or incidental damages or losses.

The terms of the "Warranty Disclaimer" above and this "Limitation of Remedies" cannot be varied by any written or verbal statements or agreements. No employee or sales agent of DowElanco or the seller is



9041

3:17 PM

August 2, 1993 [TAG]

Page 7

authorized to vary or exceed the terms of the "Warranty Disclaimer" or this "Limitation of Remedies" in any manner

Copyright © 1992 DowElanco

10 of 11

[Base Label of Datapack]

(logo) DowElanco

# Grandstand\*

For the control of woody plants and broadleaf weeds in Christmas tree plantations

**Active Ingredient:**

triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid, triethylamine salt ..... 44.4%

Inert Ingredients ..... 55.6%

**Acid equivalent:**

triclopyr - 31.8% - 3 lb/gal

---

## Precautionary Statements

---

### Hazards to Humans and Domestic Animals

**Keep Out of Reach of Children**

### DANGER

### PELIGRO

~~Precaucion al usuario: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.~~

~~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.)~~

**Corrosive • Causes Irreversible Eye Damage • Harmful If Swallowed, Inhaled, or Absorbed Through Skin • Prolonged Or Frequently Repeated Skin Contact May Cause Allergic Skin Reaction In Some Individuals**

~~Do not get in eyes, on skin, or clothing. Avoid breathing vapor or spray mist. Wear goggles, face shield or safety glasses, and rubber gloves when handling concentrate. Wear protective clothing when handling due to corrosive effects on the skin and eye. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.~~

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

~~Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, 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 immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

11 of 11

**First Aid**

**If in eyes:** Hold eyelids open and flush with a steady gently stream of water for 15 minutes. Get medical attention.

**If on skin:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**If Swallowed:** Call a physician or poison control center. Drink promptly a large quantity of milk, egg whites or gelatin solution, or if these are not available, drink large quantities of water. Do not induce vomiting. Avoid alcohol.

**If inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**Note to Applicator:** Allergic skin reaction is not expected from exposure to spray mixtures of Grandstand herbicide when used as directed.

**Environmental Hazards**

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

**Physical or Chemical Hazards**

Do not use or store near heat or open flame.

Refer to label booklet for additional precautionary information including Personal Protective Equipment (PPE), and Directions for Use including Agricultural Use Requirements and Storage and Disposal.

**Notice:** Read the entire label. Use only according to label directions. Before buying or using this product, read "Warranty Disclaimer" and "Limitation of Remedies" inside label booklet.

In case of emergency endangering health or the environment involving this product, call collect 517-636-4400.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-230  
33682

EPA Est. 464-MI-1  
900-001073

\*Trademark of DowElanco  
DowElanco • Indianapolis, IN 46268, U.S.A.

**Herbicide**

EPA acceptance date of current labeling: 04/27/93

Revised 08/02/93

**Revisions:**

1) Added label statements required by the Worker Protection Standard.