

(Container)



Gallery™ 75 DF Herbicide

A selective preemergent herbicide for certain broadleaved weeds in conifer bareroot and container nursery stock for listed trees, shrubs and groundcovers grown for silviculture purposes, and containerized ornamentals grown in nurseries. For outdoor use only. Not for use on cut flowers.

COMMERCIAL

READ THE LABEL AND THIS LEAFLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN

GUARANTEE: isoxaben 75%

REGISTRATION NO. 24110 PEST CONTROL PRODUCTS ACT

CAUTION  **POISON**

NET CONTENTS: 454 g

Corteva Agriscience Canada Company 2450, 215 – 2nd Street S.W.
Calgary, Alberta
T2P 1M4
1-800-667-3852

™Trademark of Corteva Agriscience and its affiliated companies.

**PRECAUTIONS
MAY CAUSE EYE AND SKIN IRRITATION
HARMFUL IF INHALED**

Avoid ingestion, breathing dust or spray mist and contact with skin, eyes or clothing. Wear a long-sleeved shirt and long pants during all activities and chemical-resistant gloves during mixing, loading, clean-up and repair activities. Use eye protection when handling this product. Wash hands thoroughly with soap and water after handling and before eating, drinking or smoking. Remove contaminated clothing and wash separately from household laundry before reuse. Do not re-enter treated areas within 12 hours of application.

Do not apply directly to water or to areas where surface water is present. Drift may result in reduced germination or emergence of non-target plants adjacent to treated areas. Do not apply when weather conditions favour drift from treated areas. Apply using ground application equipment only. Do not apply using hand held sprayers. **DO NOT APPLY BY AIR.**

To avoid possible injury, do not apply Gallery 75 DF Herbicide to tree seedlings earlier than 4 weeks after germination and seedling emergence.

Do not apply Gallery 75 DF Herbicide to any material until soil or potting media has been settled by packing and irrigation or rainfall and no cracks are present or plant injury may occur.

Refer to Seeding or Transplanting Into Areas Treated Previously with Gallery 75 DF Herbicide section of the product label prior to planting.

FIRST AID

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

TOXICOLOGICAL INFORMATION

No specific antidote. Employ supportive care. Treatment should be based on judgement of the physician in response to reactions of the patient.

ENVIRONMENTAL HAZARDS

TOXIC to aquatic organisms and non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

To reduce runoff from treated areas into aquatic habitats, avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application of this product when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

STORAGE

Store in original container. Do not store in direct sunlight. Do not store at temperatures above 45°C. In case of leak or spill, contain material and dispose as directed (see Disposal). To prevent contamination store this product away from food or feed.

DISPOSAL

Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

(Booklet)



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GENERAL INFORMATION

Gallery 75 DF herbicide is a preemergent herbicide for control of certain broadleaved weeds in bareroot and container grown nursery stock. Apply Gallery 75 DF Herbicide in late summer to early fall, in early spring or any time prior to germination of target weeds or immediately after cultivation. Do not apply Gallery 75 DF Herbicide more than once per season.

Gallery 75 DF Herbicide does not control established weeds. Existing weeds should be controlled by cultivation or with postemergence herbicides. Weed residues, prunings and trash should be removed or thoroughly mixed into the soil prior to treatment. Soil should be in good condition and free of clods at the time of application. Gallery 75 DF Herbicide is stable on the soil surface for up to 21 days but must be activated to be effective. A single rainfall or sprinkler irrigation of 1 cm or more or flood irrigation after application is necessary to activate Gallery 75 DF Herbicide. If Gallery 75 DF Herbicide is not activated by rainfall or irrigation within 21 days of application, erratic weed control may result. If weeds emerge due to lack of rainfall or irrigation, shallow cultivate to a depth of 2.5 to 5.0 cm to destroy existing weeds or remove by hand.

DIRECTIONS FOR USE

As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests. **DO NOT** contaminate irrigation or drinking water supplies or aquatic habitat by cleaning of equipment or disposal of wastes.

Field sprayer application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) medium classification. Boom height must be 60 cm or less above the crop or ground.

DO NOT apply by air.

Mixing Instructions

Check to be sure spray equipment is clean and not contaminated. Using clean water, fill the tank to 1/2 of the final volume required and start agitation. Slowly add the correct quantity of Gallery 75 DF Herbicide to the spray tank, continue agitation and complete filling the tank. Maintain agitation during filling and through application. Agitation should be sufficient to create a rippling or rolling action on the liquid surface. Sparger pipe agitation generally provides the best agitation. In-line screens and strainers should be no finer than 16 mesh.

If spraying and agitation is stopped, Gallery 75 DF Herbicide may settle to the bottom of the spray tank. If settling occurs, material must be resuspended before continuing spray application. Clean the spray tank, lines and screens thoroughly after use.

Application Instructions

Apply Gallery 75 DF Herbicide at 1.0 kg/ha with a properly calibrated low pressure herbicide sprayer that provides uniform distribution. Nozzle screens should be no finer than 50 mesh. In-line screens and strainers should be no finer than 16 mesh. Apply Gallery 75 DF Herbicide in 100 to 400 L of water carrier per hectare. As the spray volume decreases, the importance of accurate calibration and uniform application increases. Take precautions to avoid spray drift when applying Gallery 75 DF Herbicide. Drift may result in reduced germination or emergence of non-target plants adjacent to the treated area. Avoid boom overlaps that will increase rates above those recommended. Calibrate application equipment prior to use according to manufacturer's directions. Check calibration frequently to be sure equipment is working properly and distributing spray uniformly.

Gallery 75 DF Herbicide may be used on the following nursery stock 4 weeks after germination and crop emergence:

<i>Picea abies</i>	Norway spruce
<i>Picea glauca</i>	white spruce
<i>Picea mariana</i>	black spruce
<i>Pinus banksiana</i>	jack pine
<i>Pinus contorta</i>	lodgepole pine
<i>Pinus resinosa</i>	red pine
<i>Pinus strobus</i>	eastern white pine

Weeds Controlled by Gallery 75 DF Herbicide

Common Name

St. John's-wort
pineappleweed
lamb's-quarters, common
purslane, common
shepherd's-purse
low cudweed
purslane speedwell

Scientific Name

Hypericum perforatum
Matricaria matricariodes
Chenopodium album
Portulaca oleracea
Capsella bursa-pastoris
Gnaphalium uliginosum
Veronica peregrina

Seeding or Transplanting into Areas Treated Previously with Gallery 75 DF Herbicide

Sufficient data is not available to determine the minimum time interval which must be observed before seeding into areas treated previously with Gallery 75 DF Herbicide. To avoid possible injury, a field bioassay MUST be conducted prior to seeding. When a fall planting is intended the bioassay should be conducted the previous spring. If seeding in the spring, the bioassay should be performed in the spring of the previous year.

Available data suggests that injury is unlikely when the nursery species which are listed on this label are transplanted into soil treated the previous year with Gallery 75DF Herbicide. To avoid possible injury to other nursery species, a field bioassay MUST be conducted prior to transplanting. Exercise caution when transplanting any species into areas which have received application of Gallery 75 DF Herbicide in consecutive years as soil residues may accumulate. In such instances, a field bioassay should be conducted prior to transplanting.

Select a compartment in the field treated previously with Gallery 75 DF Herbicide which most closely approximates the soil conditions of the field as a whole. When the previously treated area is more than one field, a compartment in each field should be selected to account for possible variability. Test strips should be seeded or transplanted perpendicular to the direction in which the site was sprayed using standard seeding/transplanting equipment and following normal cultivation practices. Strips of sufficient length to transect several spray swaths should be seeded or transplanted to the nursery species intended for later planting. Reliability of the bioassay results will increase with the number and length of the test strips used. A check strip in an adjacent treated area should also be seeded or transplanted for comparison purposes.

To determine the safety of later seeding or transplanting, examine the test strips giving consideration to such growth characteristics as height and diameter growth, top and root dry weight. Should results of the bioassay suggest that crop germination or subsequent plant development is affected by residues of Gallery 75 DF Herbicide, do not seed or transplant until a future bioassay indicates that growth of the desired species is normal.

NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS: The DIRECTIONS FOR USE for this product for the use(s) described below were developed by persons other than Corteva Agriscience Canada Company and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Corteva Agriscience Canada Company itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) claims for this product when used on the crop(s) listed below.

Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold Corteva Agriscience Canada Company harmless from any claims based on efficacy and/or phytotoxicity in connection with the use(s) described below.

DIRECTIONS FOR USE

LABELLED BROADLEAF WEEDS IN CONTAINERIZED ORNAMENTALS GROWN IN NURSERIES

For control of labeled broadleaf weeds in containerized ornamentals grown in nurseries, apply 1.0 kg Gallery 75 DF Herbicide in one application preemergence to the weeds. Apply in a spray volume of 100 to 400 litres of water per hectare using a low pressure herbicide sprayer for uniform distribution.

Dormant seedlings at age of 12 to 24 months of the listed plant species have been tested and results indicated that they are tolerant to Gallery 75 DF Herbicide when the product is applied according to the label.

Tolerance Plant Species/Varieties

Common name

Scientific name

Maple

Paperbark
Korean
Three flowered

Acer griseum
Acer pseudosieboldianum
Acer trifolium

Azalea

Azalea sp.

Clematis

Lemon bells
Jackman
Golden

Clematis chiisanensis
Clematis jackmanii
Clematis tangutica

Dogwood

Mottled
Red osier
Red stem

Cornus alba
Cornus sericea
Cornus stolonifera

Burning bush

Winged
Gold crest
Green and gold
Dwarf

Euonymous alatus
Euonymous fortunei
Euonymous fortunei
Euonymous turkestanica

Daylily

Hemerocallis sp.

Coral bells

Heuchera micrantha

Hosta

Hosta sp.

Juniper

Chinese
Creeping

Juniperus chinensis
Juniperus horizontalis

Spruce		
	Dwarf Alberta	<i>Picea glauca</i>
	White	<i>Picea glauca</i>
	Colorado blue	<i>Picea pungens</i>
Cinquefoil		
	Easy elegance rose	<i>Potentilla easy elegance</i>
	Shrubby	<i>Potentilla fruticosa</i>
Cherry		
	Purple leafed sand	<i>Prunus cistena</i>
	Cherry laurel	<i>Prunus laurocerasus</i>
	Downy	<i>Prunus tomentosa</i>
Douglas fir		<i>Pseudotsuga menziesii</i>
Rhododendron		<i>Rhododendron catawbiense</i> X
Rose		
	Shrub	<i>Rosa easy elegance</i>
	Dwarf rugosa	<i>Rosa pavement</i>
	Hybrid tea	<i>Rosa sp.</i>
Spirea		
	Bumald	<i>Spirea x bumalda</i>
	Japanese	<i>Spirea japonica</i>
Yew		<i>Taxus media</i>
Eastern white-cedar		<i>Thuja occidentalis</i>

Gallery 75 DF Herbicide may be applied to other non-listed plant species. However, non-listed plant species may vary in their tolerance to herbicides, including to Gallery 75 DF Herbicide. First use of Gallery 75 DF Herbicide to a non-listed plant species should be limited to a small number of seedlings to confirm plant tolerance prior to adoption as a large scale practice.

Refer to the main Gallery 75 DF Herbicide label for additional details and instructions before using.

BUFFER ZONES

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, wood lots, hedgerows, riparian areas and shrublands), and sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of Application	Crop	Buffer Zones (metres) Required for the Protection of:		
		Freshwater Habitat	Estuarine/Marine Habitat	Terrestrial habitat
Field sprayer	Conifer bareroot and container grown nursery stock, containerized ornamentals	1	1	3

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