



Product Name: GALLERY 750 DRY FLOWABLE HERBICIDE
APVMA Approval No: 47333/106011

Label Name:	GALLERY 750 DRY FLOWABLE HERBICIDE
Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	750 g/kg ISOXABEN
Mode of Action:	GROUP <input checked="" type="radio"/> HERBICIDE
Statement of Claims:	A dry flowable herbicide for selective pre-emergence control of certain broadleaf weeds in cereals, forests, and industrial situations, non-bearing and bearing tree fruit and nut orchards, vineyards, nursery and amenity tree plantings and pyrethrum crops as specified in the Directions for Use.
Net Contents:	1kg 3kg 5kg
Restraints:	<p>RESTRAINTS (all crops): DO NOT apply to new transplants until soil is sealed by packing or irrigation and no cracks are present or crop injury may occur. DO NOT apply to existing weeds as poor control may result. Treatments, including with tank-mix partners, should be made prior to weed emergence and followed by significant rainfall or irrigation (see Soil Activation section below). DO NOT apply to dry soil or in dry conditions as poor control may result. DO NOT apply more than 2 applications within a 12 month period. DO NOT apply by air.</p> <p>Restraints specific to Pyrethrum Crops: DO NOT apply to Pyrethrum crops within two weeks of another herbicide. DO NOT apply in a mixture with other products in pyrethrum. DO NOT apply to crops older than two years.</p>

	<p>DO NOT plant susceptible crops (see PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS section below) for at least 2 years after application. DO NOT treat the same areas of land more than two years in a row.</p> <p>Restraints specific to Cereal Crops: DO NOT apply to crops or weeds which may be stressed due to prolonged periods of extreme cold, moisture stress (water-logging or drought) or previous herbicide treatment, as crop damage or reduced levels of control may result. DO NOT use without first reading the section on this label PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS as use of this product will affect your choice of following crops. DO NOT spray if heavy rain is likely in 48 hours. DO NOT do more than 1 application in each cereal crop. DO NOT apply later than 1st node of cereals. DO NOT apply by air.</p>
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Directions for Use:	This section contains file attachment.
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Other Limitations:	
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Withholding Periods:	<p>WITHHOLDING PERIOD: (Harvest) ALL Crops: NOT REQUIRED WHEN USED AS DIRECTED. When using Gallery 750 Dry Flowable Herbicide in a tank mix with another product, observe the harvest Withholding Period of the other product.</p> <p>WITHHOLDING PERIOD: (Grazing) Pyrethrum Crops: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 12 MONTHS AFTER APPLICATION. Cereal Crops: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 6 WEEKS AFTER APPLICATION. Other crops or situations (except Pyrethrum and Cereals): NOT REQUIRED WHEN USED AS DIRECTED. When using Gallery 750 Dry Flowable Herbicide in a tank-mix with another product, observe whichever grazing withholding period is the longer.</p>
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Trade Advice:	
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General Instructions:	<p>GENERAL INSTRUCTIONS</p> <p>MIXING Half fill the spray tank and add the required amount of Gallery 750 Dry Flowable Herbicide. If tank-mixing, add the partner herbicide slowly into the spray tank once Gallery 750 Dry Flowable Herbicide is completely dispersed. Complete filling with the agitator running. Maintain the agitation during spraying. Only mix sufficient spray solution for immediate use and avoid storing. Gallery 750 Dry Flowable and tank-mixes may settle out if agitation is stopped or poor. If settling occurs, re-suspend the residue (re-agitate) before continuing the spray application.</p> <p>If tankmixing with other products, the following order should be followed: 1. Quarter fill the spray tank, maintaining agitation, then: 2. Add Gallery 750 Dry Flowable Herbicide (as described above) 3. Add water to half fill the spray tank 4. Add wettable powders, suspension concentrates or other water dispersible granules</p>
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5. Add emulsifiable concentrates
6. Add adjuvant (e.g. Uptake Spraying Oil) when the spray tank is half full
7. Add water to bring to final spray volume.

COMPATIBILITY

Gallery 750 Dry Flowable Herbicide is compatible with the following products:

Cereals –

Affinity Force, Bromoxynil/MCPA, diflufenican, Ecopar Herbicide, glyphosate, Logran, LVE 600 MCPA, Paradigm Herbicide, Paragon Herbicide, Pendimethalin, Trifluralin, Tigrex, Paraquat, Precept Herbicide and Velocity Herbicide.

Other use situations –

Hexazinone, oryzalin, pendimethalin or sulfometuron.

ADJUVANTS

Gallery 750 Dry Flowable Herbicide is compatible with either BS-1000 0.1%v/v or Uptake Spraying Oil 0.5%v/v. Where a tankmix is recommended in cereals, use the recommended adjuvant for the partner herbicide.

APPLICATION

DO NOT APPLY AERIALLY

Cereals – Apply Gallery 750 Dry Flowable and tankmixes in sufficient water to obtain good coverage. It should be applied by an accurately calibrated ground rig using a water volume of 80-100L/ha. Sprayers should aim to apply coarse to very coarse spray quality in accordance with ASAE standard S-572.

Other crops - apply Gallery 750 Dry Flowable and tank-mixes in 200 to 450 litres of water per hectare (higher spray volumes may give better soil coverage in some soil types). Filter screens should be 50 mesh or larger.

Use a medium quality spray as defined by the International BCPC Spray Classification System or the ASAE S572 definitions and apply uniformly, especially within the drip line of trees and vines, so that application above label rates does not occur. Use high enough spray volume to ensure thorough coverage of bare soil for best weed control results. Where tank-mixes are used, apply as a directed spray to the base of grapevines or tree crops.

Soil Preparation (horticulture only): Areas to be treated should be free of established weeds, clods, stones and surface trash or cover. Remove surface prunings or trash (weed or crop residue) before applying the product/s. Apply treatment to a fine, even soil surface to obtain best coverage of soil. Failure to apply evenly to soil surface that is free of weeds, clods, stones, surface trash or cover will result in reduced weed control or possible failure.

Soil Activation: Moisture as rain or sprinkler irrigation (>12.5mm) is required within 21 days for activation of Gallery 750 Dry Flowable Herbicide when applied alone or when in tank-mixes with oryzalin, or within 10 days for activation of tank-mixes with pendimethalin. If adequate moisture is not received within the specified period, poor weed control may result.

CLEANING SPRAY EQUIPMENT

After using Gallery 750 Dry Flowable, empty the spray unit completely and drain the whole system. Thoroughly wash inside the spray unit using a pressure hose. Drain the spray unit and clean any filters in the tank, pump, lines, hoses and nozzles.

To rinse. After cleaning the spray unit as above, quarter fill with clean water and circulate through the pump, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice.

To decontaminate. Wash the tank and rinse the system as above. Quarter fill the tank and add an alkali detergent at 500 mL/100 L of water or the powder equivalent at 500 g/100 L of water) and circulate throughout the system for at least 15 minutes. Drain the whole system. Remove filters and nozzles and clean them separately. Finally flush the system with clean water and allow to drain completely. Equipment that has been used to apply Gallery 750 Dry Flowable should be thoroughly decontaminated before using to spray other crops.

	Rinse water should be discharged onto a designated disposal area or, if this is unavailable, onto unused land away from desirable plants and water courses.
Resistance Warning:	<p>RESISTANT WEEDS WARNING GROUP O HERBICIDE</p> <p>Gallery 750 Dry Flowable Herbicide is a member of the amide group of herbicides. The product has the diverse sites mode-of-action. For weed resistance the product is a Group O herbicide. Some naturally occurring weed biotypes resistant to the product and other diverse sites of action herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by this product or other diverse sites of action herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Dow AgroSciences accepts no liability for any losses that may result from the failure of this product to control resistant weeds.</p>
Precautions:	<p>RE-ENTRY PERIOD Do not allow entry into treated areas until spray has dried.</p>
Protections:	This section contains file attachment.
Storage and Disposal:	<p>STORAGE AND DISPOSAL DO NOT store near food, feedstuffs, fertilisers or seed. Store in tightly closed, original container in a securely locked, cool and well ventilated place out of direct sunlight. DO NOT re-use containers.</p> <p>1 kg label only Rinse container before disposal. Add rinsings to the spray tank. Do not dispose of undiluted chemicals on site. Dispose of at a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots in compliance with relevant Local, State or Territory government regulations. Empty containers and product should not be burnt.</p> <p>5 kg, label only This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple or pressure rinse container for disposal. Dispose of rinsate by adding to the spray tank. Do not dispose of undiluted chemicals on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drumMUSTER collection or similar container management site. The cap should not be replaced but may be taken separately. If not recycling, break, crush or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.</p> <p>SMALL SPILL MANAGEMENT Wear appropriate clothing whilst cleaning up small spills (see SAFETY DIRECTIONS). Sweep up material and contain in a refuse vessel for disposal. Disposal of the contaminated material must be done in accordance with STATE and/or LOCAL regulations.</p>

Safety Directions:	<p>Will irritate the eyes and skin.</p> <p>Avoid contact with eyes and skin.</p> <p>If product in eyes, wash it out immediately with water.</p> <p>When opening the container and preparing the spray, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and a face shield or goggles.</p> <p>Wash hands after use.</p> <p>After each day's use, wash gloves and face shield or goggles and contaminated clothing.</p>
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First Aid Instructions:	<p>If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia: 13 11 26.</p>
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First Aid Warnings:	
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DIRECTIONS FOR USE

Table 1. Non-crop, forests, fencelines, right of way and industrial areas, non-bearing and bearing tree fruit and nut orchards, vineyards, nursery and amenity tree plantings and pyrethrum.

CROP/SITUATION	WEEDS	RATE g/treated ha	CRITICAL COMMENTS
Pyrethrum (after crop established but before bud initiation)	Wild radish (<i>Raphanus raphanistrum</i>)	167 to 333	Use higher rate where weed pressure is high, or where longer residual activity is required.
Non-bearing and bearing tree fruit and nut orchards, vineyards, nursery tree stock and amenity tree plantings	See the list of weeds controlled in the “ Weed Control ” row below	375 to 750 *(see row below)	Gallery must be activated by at least 12.5 mm rainfall or sprinkler irrigation within 21 days of application. Reduced weed control will result if this does not occur.
Non-crop, forests, fencelines, right of way, industrial situations			Gallery has soil residual activity, with limited post-emergence activity on very small weeds. Use in mixture with an effective knockdown treatment if weeds are already emerged. (See COMPATIBILITY). DO NOT apply by backpack or knapsack.
*Note: The 375g – 750g use rate above relates to band spraying and refers to per hectare of treated soil, not the total area of crop. Adjust spray application to your specific situation.			
Weed Control: The following broadleaf weeds are controlled by Gallery 750 Dry Flowable Herbicide. The degree of control depends on the rate applied, surface conditions and time to activation (see Application section below for more information): Amaranths (<i>Amaranthus</i> spp.), Black nightshade (<i>Solanum nigrum</i>), Caltrop (<i>Tribulus terrestris</i>), Capeweed (<i>Arctotheca calendula</i>), Chickweed (<i>Stellaria media</i>), Clovers (<i>Trifolium</i> spp.), Deadnettle (<i>Lamium</i> spp.), Erodium (<i>Erodium</i> spp.), Fat hen (<i>Chenopodium album</i>), Flat weed (<i>Hypochaeris radicata</i>), Indian hedge mustard (<i>Sysimbrium orientale</i>), Milk thistle (<i>Sonchus oleraceus</i>), Ox tongue (<i>Picris echioides</i>), Peppergrass (<i>Lepidium</i> spp.), Pigweed (<i>Portulaca oleracea</i>), Plantains (<i>Plantago</i> spp.), Salvation Jane (<i>Echium plantagineum</i>), Scarlet pimpernel (<i>Anagallis arvensis</i>), Small flowered mallow (<i>Malva parviflora</i>), Volunteer Canola (<i>Brassica</i> spp.), Wild radish (<i>Raphanus raphanistrum</i>) and Wireweed (<i>Polygonum aviculare</i>).			
FOR BROAD SPECTRUM GRASS AND BROADLEAF WEED CONTROL, Gallery 750 Dry Flowable Herbicide should be tank-mixed with products containing either oryzalin or pendimethalin. For weed control up to 4 months use the lower rate of Gallery 750 Dry Flowable Herbicide and the partner herbicide at its lower rate. For weed control of up to 6 months , use the higher rate of Gallery 750 Dry Flowable Herbicide plus the highest rate of either oryzalin or pendimethalin. Obey the Critical Comments and/or application instructions imposed by the label of the mixing partner. Where grass weeds are more important in perennial crops, use the recommended label rate of either oryzalin or pendimethalin for length of weed control and/or soil type, in tank-mix with Gallery 750Dry Flowable Herbicide.			

Table 2. Cereals – incorporated by sowing, post-planting preemergence or early post-emergence (to 1st node stage).

CROP	Timing	WEED	RATE (g/ha)	CRITICAL COMMENTS
Wheat, barley, triticale	Incorporated by sowing (IBS) Or Post-sowing pre-emergence (PSPE)	Wild radish	70-140	<p>Gallery has soil residual activity, with limited post-emergence activity on very small weeds. Use in mixture with an effective residual treatment. (See COMPATIBILITY).</p> <p>Use the higher specified rate where weed pressure is high, or where longer residual activity is required.</p> <p>Use the lower rate where weed pressure is lower, the partner herbicide gives effective knockdown and shorter residual activity is required. Use of a partner herbicide is preferred to give broader spectrum pre-emergence control.</p> <p>Gallery must be activated by at least 12.5 mm rainfall within 21 days of application. Reduced weed control will result if this does not occur.</p> <p>Gallery is relatively immobile in soil, therefore avoid significant soil throw at planting, to maintain even coverage across treated area.</p>

	Cotyledon – 2 leaf stage (1-4cm across)	Wild radish (control)	70 -100	<p>Gallery has soil residual activity, with limited post-emergence activity on very small weeds. Use in mixture with an effective knockdown treatment if weeds are already emerged. (See COMPATIBILITY).</p> <p>Gallery + effective knockdown partner will give excellent wild radish control, with enhanced residual control.</p> <p>Weed survivors must be treated with another management technique or herbicide from a different mode-of-action group to prevent viable seed production.</p> <p>Use an adjuvant for best post-emergence activity. See ADJUVANTS.</p>
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NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION

Gallery 750 Dry Flowable Herbicide PROTECTION statements

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Cereals – Spraydrift or runoff containing Gallery 750 Dry Flowable Herbicide may result in reduced germination or emergence of non-target plants adjacent to treated areas. **DO NOT** apply under weather conditions or from spraying equipment that may cause spray to drift onto nearby susceptible plants/crops, cropping lands, pastures or waterbodies.

DO NOT plant a broadleaf crop into areas where Gallery 750 Dry Flowable Herbicide has been used until AFTER the following winter season. As individual crop sensitivity to soil residues may vary, you must check with your field advisor, or Dow AgroSciences representative, before planting any crop following application of this product.

All broadleaf crops are susceptible to carryover residues from Gallery 750 Dry Flowable Herbicide. Crops such as but not limited to brassicas (including canola), chickpeas, faba beans, field peas and other grain legumes are particularly at risk. Check with your Dow AgroSciences representative or field advisor before planting any susceptible crop in the seasons following use of Gallery 750 Dry Flowable Herbicide.

Where Gallery 750 Dry Flowable Herbicide residue carryover is suspected and susceptible crops are to be planted, test the treated area as follows:

Field bioassay – where rain allows, plant a small area of the susceptible crop four to six weeks before desired planting date and take note of any symptoms of injury. If any herbicide symptoms are observed, do not plant any broadleaf crop that season.

Pot bioassay – where not practical to do field bioassay, plant a small number of seeds of the susceptible crop into pots containing soil from the treated field. Do this test four to six weeks before desired planting date. If any herbicide symptoms are observed, do not plant any broadleaf crop that season.

Planting Crops following Use of Gallery 750 Dry Flowable Herbicide in Previous Cereal Crop

Planting crops dry without appropriate rain (see below) in the fallow prior to planting increases the risk of injury to susceptible crops. This practice should be avoided or only plant a cereal crop. In severely dry conditions, where less than 30% of average annual rainfall and/or less than the minimum rain has fallen between application and planting the next year (see below), only plant a cereal crop.

Plantback Periods – Vic, SA, WA, SNSW (winter dominant rain)

RATE	RAINFALL	CROP	PLANT-BACK PERIOD
70-140g		Barley, oats, triticale, wheat	2 weeks
	More than 100mm over spring-summer and more than 300mm total from application to planting next crop.	Lupins	9 months
	More than 100mm over spring-summer and more than 300mm total, in each of the first and second seasons prior to planting next crop.	Canola	22 months

Other crops (rates applied > 140 g/ha) - A minimum of 2 years should elapse before planting all broadleaf crops, and 3 years before planting sensitive crops such as brassicas,

peas, beans, onions and poppies. Grasses are normally unaffected and establish quickly after treatment. Individual crop sensitivity to soil residues should be checked with your field advisor, or Dow AgroSciences representative, before planting any crop following application of this product. Spraydrift or runoff containing Gallery 750 Dry Flowable Herbicide may result in reduced germination or emergence of non-target plants adjacent to treated areas.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Gallery 750 Dry Flowable Herbicide is very highly toxic to aquatic plants.

DO NOT contaminate streams, rivers, or waterways with the chemical or used containers.

DO NOT apply if heavy rainfall (*i.e.* sufficient to cause widespread runoff of water from the treated areas) is likely within 24 hours.

After application, **DO NOT** irrigate to the point of run-off for 24 hours.