



DIRECTIONS FOR USE

RESTRAINTS

DO NOT apply more than 200 g/ha per season.
DO NOT use after the onset of frosts.
DO NOT apply this product through any type of irrigation system.
DO NOT apply if heavy rain is expected within at least 48 hours.

TURF (ALL STATES, ACT, NT)

Situation	Weeds Controlled	Rate	Critical Comments
Established Turf as named; Bent grass Buffalo grass Carpet grass Couch Couch hybrid Durban grass Kikuyu grass Perennial ryegrass Queensland blue couch Tall fescue	Mullumbimby couch Nutgrass	65-130 g/ha 1.3 g/100 sq. m	Use the higher rate for dense infestations. Apply to actively growing weeds when new leaf growth has reached a minimum of 5cm on Nutgrass or 2 cm on Mullumbimby couch. Apply using a boom spray with flat fan nozzles to apply at least 80L/ha of water. Apply follow-up treatments if sufficient new growth warrants re-treatment. For optimum control, mowing should be delayed for 2 days following treatment. Use of this product on newly seeded, sodded or sprigged turfgrass that is not well established may result in damage and/or delay establishment. In addition, application to turf weakened by weather conditions or by physical damage due to intensive use or cultural practices such as scarification, coring, aeration or top dressing may result in damage and/or delayed recovery. For spot treatment using handgun or knapsack sprayers, apply 1.3 g per 100 square metres. For example, mix 1.3 g in 10 L of water and apply the 10 L of the mix per 100 square metres.

SUGARCANE (NSW and QLD ONLY)

Situation	Weeds Controlled	Rate	Critical Comments
Plant and ratoon Sugarcane	Nutgrass	65-130 g/ha 1.3 g/100 sq. m	Use the higher rate for dense infestations or for maximum control where a single application is intended. Follow-up treatments may be required to control plants emerging from dormant tubers. Apply using a boom spray with flat fan nozzles or floodjets to apply at least 80 L/ha of water as a broadcast, or directed treatment in Sugarcane. Avoid streaking, skips or overlaps during application. Cultivation should be delayed for at least 2 days following treatment. For spot treatment using handgun or knapsack sprayers, apply 1.3 g per 100 square metres. For example, mix 1.3 g in 10 L of water and apply the 10 L of the mix per 100 square metres.

CORN/MAIZE (Zea mays) (ALL STATES, ACT, NT)

Situation	Weeds Controlled	Rate	Critical Comments
Maize/Corn	Nutgrass	65-130 g/ha	Use the higher rate for dense infestations or for maximum control where a single application is intended. Apply post-emergence to crop at any time up to a crop height of 60 cm. Apply using a boom spray with flat fan nozzles or floodjets to apply at least 80 L/ha of water as a broadcast, or directed treatment. Time treatment to ensure maximum emergence of Nutgrass when majority of plants are 3-4 leaf stage. Some transient yellowing and growth reduction of crop may occur at higher rate. Do not apply to sweetcorn, popcorn or hybrids. Do not apply to corn/maize if the crop is under severe stress due to drought, water saturated soil, low fertility (especially low nitrogen levels) or other poor growing conditions.

SORGHUM (NSW and QLD ONLY)

Situation	Weeds Controlled	Rate	Critical Comments
Sorghum	Nutgrass	65-130 g/ha	Use the higher rate for dense infestations or for maximum control where a single application is intended. Apply using a boom spray with flat fan nozzles or floodjets to apply at least 80 L/ha of water as a broadcast, or directed treatment. Time treatment to ensure maximum emergence of Nutgrass when majority of plants are 3-4 leaf stage. Apply post-emergence to crop at any time up to a crop height of 60 cm. Apply as a directed spray if using rates greater than 65 g/ha. Some transient yellowing and growth reduction of crop may occur at higher rate.

COTTON (NSW and QLD ONLY)

Situation	Weeds Controlled	Rate	Critical Comments
Shielded sprayer application in irrigated cotton only	Nutgrass	65-130 g/ha	Use the higher rate for dense infestations or for maximum control where a single application is intended. Apply to Nutgrass growing between cotton rows using a shielded sprayer. Apply in crops at least 20 m high but before first flower. Spray or spray drift, which contacts any part of the cotton plant, may cause severe injury. Follow-up treatments may be required to control plants emerging from dormant tubers. Cultivation should be delayed for at least 2 days following treatment. The first irrigation after spraying should be delayed for as long as possible to minimise herbicide runoff.
Shielded or directed handgun or knapsack application		1.3 g/100 sq. m	For spot treatment using shielded or directed handguns or knapsack sprayers. DO NOT apply in crops less than 20 cm high. Spray or spray drift, which contacts any part of the cotton plant, may cause severe injury. Apply 1.3 g per 100 square metres. For example, mix 1.3 g in 10L of water and apply the 10 L of the mix per 100 square metres.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

WITHHOLDING PERIODS

HARVEST

TURF: DO NOT USE CLIPPINGS FROM TREATED AREAS FOR MULCHING AROUND VEGETABLES OR FRUIT TREES.

DO NOT FEED GRASS CLIPPINGS FROM TREATED AREAS TO POULTRY OR OTHER LIVESTOCK.

ALL OTHER CROPS: WITHHOLDING PERIOD NOT REQUIRED WHEN USED AS DIRECTED.

GRAZING

SORGHUM: DO NOT GRAZE LIVESTOCK OR CUT FOR FODDER OR FORAGE FOR 4 WEEKS AFTER TREATMENT.

TURF: DO NOT ALLOW GRAZING OF TREATED TURF.

ALL OTHER CROPS: WITHHOLDING PERIOD NOT REQUIRED WHEN USED AS DIRECTED.

GENERAL INSTRUCTIONS

Farmalinx BRAWLER Herbicide is a dry flowable granule, which disperses in water. BRAWLER can be used for selective post-emergence control of Nutgrass in Sugarcane, Corn/Maize and Sorghum and for the selective post-emergence control of Nutgrass and Mullumbimby couch in Turf. May also be used for the control of Nutgrass in Cotton using shielded sprayers.

Symptoms of weed control are a gradual yellowing of foliage and seed heads followed by desiccation. Initial symptoms may take 7-10 days to be noticeable, with full effects occurring 4 to 6 weeks after treatment. BRAWLER should be applied to actively growing weeds when new growth has reached a minimum of 5 cm of new leaf growth for Nutgrass or 2 cm for Mullumbimby couch. Apply follow-up treatments if sufficient new growth warrants re-treatment. Irrigation or rainfall within two hours of application will reduce control. Drought stress after treatment may also reduce control.

RESISTANT WEEDS WARNING

Farmalinx BRAWLER Herbicide is a member of the sulfonylurea group of herbicides. The product has the inhibitors of acetolactate synthase mode of action. For weed resistance management BRAWLER is a Group B Herbicide. Some naturally occurring weed biotypes resistant to BRAWLER and other a Group B 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 BRAWLER or any other a Group B Herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Farmalinx Pty Ltd accepts no liability for any losses that may result from the failure of BRAWLER to control resistant weeds.

GROUP B HERBICIDE

www.farmalinx.com

CONTINUED OVERLEAF

In a Transport Emergency Dial 000 Police or Fire Brigade

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. No warranty (other than non-excludable statutory warranties) of merchantability or fitness for a particular purpose, express or implied, extends to the use of product contrary to label instructions, or under off-label permits not endorsed by Farmalinx Pty Ltd or under abnormal conditions. Farmalinx Pty Ltd accepts no liability for any loss or damage arising from incorrect storage, handling or use.

SDS Additional information is listed in the safety data sheet (SDS). A safety data sheet for Farmalinx BRAWLER Herbicide is available from FARMALINX Pty Ltd on request. Call Customer Service on 02 9389 2455.

FIRST AID If poisoning occurs, contact a doctor or Poisons Information Centre. Telephone Australia 13 11 26.

SAFETY DIRECTIONS Harmful if swallowed. Dust will irritate the eyes. Avoid contact with eyes and skin. Wash hands after use.

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on-site. Dispose 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.

STORAGE AND DISPOSAL

DO NOT contaminate streams, rivers or waterways with the chemical or used containers. Do not feed grass clippings from treated areas to poultry or other livestock or allow grazing of treated turf. Keep people and pets off treated areas until the spray solution has dried. BRAWLER is very highly toxic to duckweed.

PROTECTION OF LIVESTOCK, WILDLIFE, FISH, CRUSTACEANS, ENVIRONMENT AND OTHERS

farms do not have capacity to retain run-off, DO NOT irrigate to the point of run-off for at least 6 days after application.
Avoid spraying of non-target vegetation in turf, do not use clippings from treated areas for mulching around vegetables or fruit trees. DO NOT apply under weather conditions or from spraying equipment that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures. After spraying, the first flush irrigation (water or storm-water run-off from land treated with BRAWLER) should be prevented from entering waterways. Where

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Crop	Plant back interval after the last application of BRAWLER
Corn/Maize, Sorghum & Sugarcane	2 months
Wheat	3 months
Cotton	4 months
All other crops (except Sugarcane)	24 months
Sugarcane	36 months

The following crops may be planted at specific time intervals following application of approved rates of BRAWLER in approved situations. Use the time intervals listed below to determine the required time interval before planting.

FOLLOWING CROPS

MIXING

BRAWLER is a dry flowable granule that disperses in water. Add the measured amount gradually to a partly filled spray tank, while maintaining continuous bypass agitation. Add the surfactant near the end of the filling process to avoid excessive foaming. Remove the hose from the mixing tank immediately after filling to avoid siphoning back into the water source. If allowed to stand, ensure that the mixture is thoroughly agitated before re-commencing spraying. Use the mixture within one day.

SPRAYER CLEANUP

Before the application of products other than BRAWLER the sprayer must be cleaned out as follows:

1. Drain the tank and flush with clean water for a minimum of 10 minutes, including hoses, filters and booms.
2. Fill the tank with clean water and add chlorine bleach (containing 4% chlorine) at the rate of 300 mL/100 L of water. Flush through the boom and agitate for 15 minutes.
3. Repeat step 2 above.
4. Remove all nozzles and screens and clean thoroughly.
5. To remove traces of chlorine bleach, rinse the tank thoroughly with clean water and flush through hoses and booms.

Caution: Do not use chlorine bleach with ammonia. All traces of liquid fertiliser containing ammonia, ammonia nitrate or ammonium sulphate must be rinsed with water from the mixing and application equipment before adding chlorine bleach solution. Failure to do so will release a gas with a musty chlorine odour, which can cause eye, nose, throat and lung irritation. Do not clean equipment in an enclosed area.

SURFACTANT ADDITION

BRAWLER must be applied with a non-ionic surfactant to ensure uptake. Use a 1000 g/L non-ionic surfactant at 120 mL per 100 L. For handgun or knapsack application, add surfactant at 12 mL/10L of water.

COMPATIBILITY

BRAWLER is compatible with glyphosate, dicamba/MCPA and bromoxynil/MCPA mixtures and amine formulations of 2,4-D. Read and follow all label directions, restraints plantback periods, withholding periods, regional use restrictions and safety directions for tank mix products. Tank mixing with paraquat or ametryn may result in reduced weed control. Organophosphate insecticides should not be tank mixed or applied 7 days prior or 3 days after application of BRAWLER, as severe crop injury may result.

CAUTION
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

FARMALINX

Brawler

HERBICIDE

ACTIVE CONSTITUENT: 750 g/kg HALOSULFURON-METHYL

GROUP B HERBICIDE

For Selective Post-Emergence control of Nutgrass in Sugarcane, Corn/Maize and Sorghum and for Selective Post-Emergence Control of Nutgrass and Mullumbimby couch in Turf. Also for the Control of Nutgrass in Cotton using Shielded Sprayers.

IMPORTANT: THIS LABEL IS PART OF THE LABEL ATTACHED TO THE CONTAINER. READ THOROUGHLY BEFORE OPENING OR USING THIS PRODUCT.

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Partners in Agriculture

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